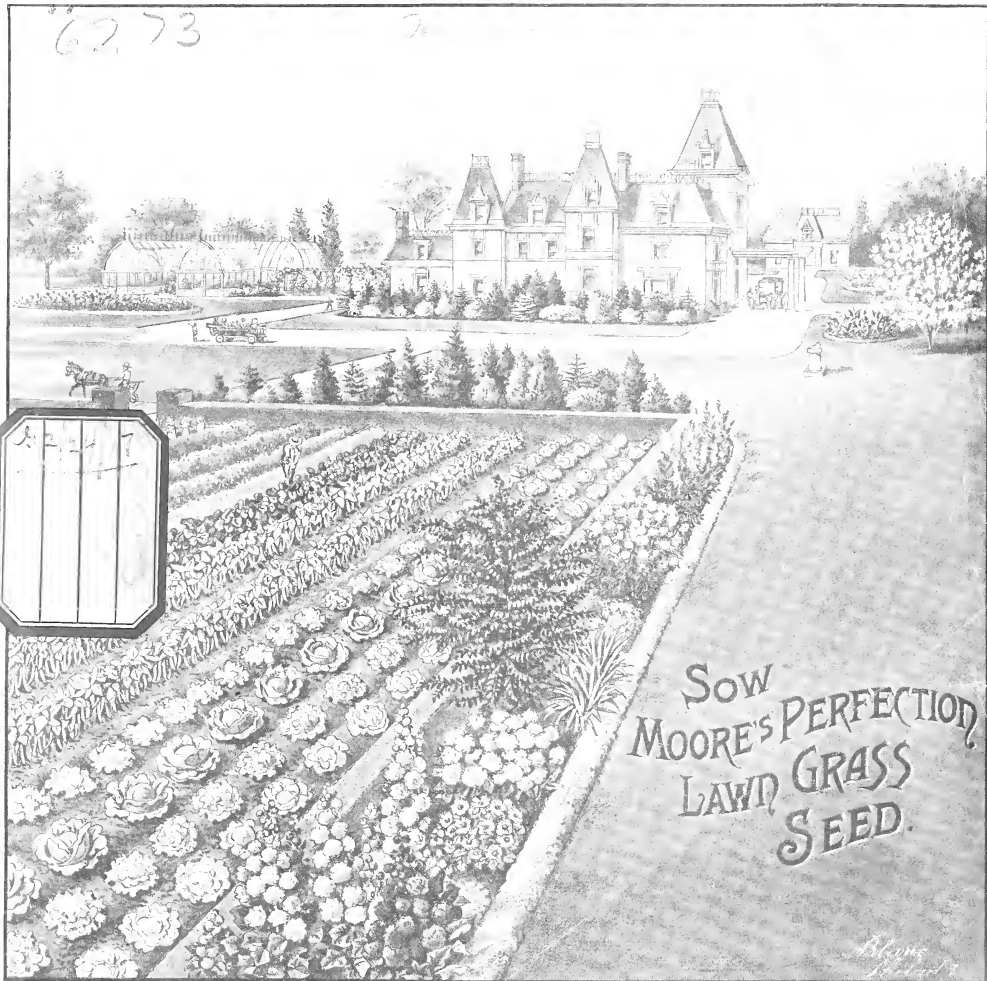


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



MOORE SEED COMPANY'S SEED BUYERS GUIDE ^{FOR} 1917.



THE MOORE SEED COMPANY,
125 MARKET STREET AND 114 CHURCH ST. PHILADELPHIA, PA.

A Word to Our Customers

IT WILL BE MONEY IN YOUR POCKET TO BUY THE BEST SEEDS

YOU CAN EASILY BUY YOUR SEEDS BY MAIL. *The United States Mail brings our Seed Store to your door.*

WE WARRANT OURS THE BEST IN EVERY RESPECT
MANY THOUSANDS of the most successful MARKET GARDENERS
and FLORISTS throughout the United States use no other

Competent Gardeners, Farmers, Dairymen and Estate Superintendents

The comforts and products of a country home are increased by employing a competent gardener, farmer, dairyman or superintendent of your estate. If you want to engage one, write to us; we will be pleased to give the matter our most prompt and careful attention. Please give particulars regarding place and say whether married or single man is wanted. We have been supplying them for years to the best people throughout the United States and Canada. No fee asked.

NOTE CAREFULLY THE REMARKS BELOW

REMIT MONEY WITH ORDER.—Money can be sent safely by Post Office Order, Express Money Order, Registered Letter, Bank Draft or Check.

ALL EXPENSES of sending money with order, when it amounts to one dollar or more, will be borne by us, and may be deducted from the amount sent.

CASH, SILVER OR POSTAGE STAMPS will reach us safely if carefully wrapped and inclosed in letter and registered.

OUR PRICES include bags, boxes and free cartage to depot. Bags are free excepting on Clover, Timothy and Millet.

SEEDS BY MAIL.—Four cents per half pound and eight cents per pound must be added to our wholesale prices if seeds or bulbs are to be sent by mail. **Packets, Ounces and Quarter Pounds** of Flower and Vegetable Seeds will be sent postage free to any part of the United States. Postage for Beans and Peas, please add 15 cents per quart; and for Corn 10 cents per quart to catalogue prices, except where noted.

WE PUT LARGER QUANTITIES OF SEEDS IN OUR PACKETS than any other house

Please **WRITE your NAME, POST OFFICE, COUNTY and STATE** as distinctly as possible, especially the name. Many orders reach us lacking either or both; customers when writing about unsigned orders will aid us in identification by mentioning the articles ordered and quantity.

EXPRESS RATES.—These have been greatly reduced for us. The express companies recognizing our claims as their largest shippers, have given us for our customers very low rates on all seeds, bulbs and plants. Thus we can send to any express office in the United States, when charges are prepaid, 5 pounds for 40c., 10 pounds for 80c., or 20 pounds for \$1.60.

GIVE FULL SHIPPING INSTRUCTIONS on each and every order you send. To avoid chance of error, never write letters on the same sheet as your order.

IF GOODS ARE WANTED C. O. D., 25 per cent. of the amount must accompany the order.

ORDERS FROM UNKNOWN CORRESPONDENTS, without remittance, should be accompanied by Philadelphia references, to save delay.

EVERY ORDER IS FILLED IMMEDIATELY on arrival, or is acknowledged, if under rare circumstances, its shipment is likely to be delayed for a day or two. If goods, notification of shipment or acknowledgment of order is not received by the customer after a reasonable lapse of time, it may be assumed that the order has miscarried, or that the name or address was omitted from the order. We will, when notified of such a case, use our best efforts to trace it without delay.

SPECIAL NOTICE ABOUT WARRANTING SEEDS, ETC.—Most of the failures with seeds, plants and bulbs are due to unfavorable weather or soil conditions, too deep or too shallow planting, or other causes entirely beyond our control, which render it impossible for us to guarantee success, although we take all possible care to supply only such goods as will under proper conditions produce satisfactory results.

NON-WARRANTY.—THE MOORE SEED CO. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



BE FREE TO WRITE us for any information pertaining to our business not found in catalogue. Use a separate sheet of paper from your order, as your letter goes to the general office and your order to the mail-order department. Always be free to write. We always like to hear from our friends and customers upon anything we can give advice about. We urge customers to report results at end of season, giving method of cultivation, character of soil and season. We try to make every customer our friend. If you need information, don't be afraid to ask for it. Your success is an essential part of our business. A 10-cent mail order is given the same careful attention that a carload order receives.

Deutsche Correspondenten.—Alle Bestellungen und Correspondenzen in Deutscher Sprache werden sorgfältig ausgeführt.

DO YOU MAKE MISTAKES? WE ARE BUT HUMAN

We take pride always in trying to be correct in all our shipments. However, we are but human, and occasionally make mistakes like other poor mortals, but when we make a mistake we want to remedy it. If in the course of business with you, find an error or mistake on our part, please write us a letter with a plain statement of facts, and you may depend upon receiving honorable and pleasant treatment. Don't get angry and come at us like going to war. We pride ourselves on having a large warehouse full of patience, but are not indifferent to facts pleasantly stated, and separated from abuse.

German, Spargel. French, Asperge.
Spanish, Espárragos.

ASPARAGUS

One Ounce
For Sixty Feet of 1st Mile

ASPARAGUS is a favorite vegetable with all; almost every rural family have a patch or bed of it in their garden, and there is generally great competition among neighbors in cutting the first bunch of the season. The seed should be soaked and sown early in spring, two inches deep, and eighteen inches from row to row and be kept clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of eighteen inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt or kainit at the rate of 600 lbs. an acre. Cut for use the second year after planting.

STARKEY'S MAMMOTH EARLY PROLIFIC ASPARAGUS

Starkey's Mammoth Early Prolific ASPARAGUS

The Best and Most Profitable Sort to Grow

This highly valuable new variety has been grown early for a number of years by one of Philadelphia's most successful market gardeners, who invariably cut the largest and handsomest asparagus ever sent to this market, from ten days to two weeks earlier than his neighbors and upon which he always realized very high prices. This asparagus has attracted much attention from dealers and commission merchants generally throughout the State, all anxious to get it. The color is notably different from either the famous Earl of Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops three stalks will average a pound in weight, and it requires much less labor in cutting and

bunching, thus lessening the expense of marketing. Everyone who ever saw this highly valuable variety pronounces it many times superior to any other known sort.

It is beyond question the finest, largest, earliest and most profitable for the market gardener to grow. Stalks frequently measure two inches in diameter, and even when twelve to fifteen inches long are perfectly tender. The quality is exceedingly fine, growth rapid, and remains in good, tender condition several days after being ready to cut. It is very productive, throwing up a perfect mass of very large sized stalks of medium green color and very handsome appearance, and is invariably regarded as a much better price than any other variety. In every case after most thorough and extensive trials, Starkey's Mammoth Early Prolific has been found immensely superior to the Palmetto and other varieties for Southern planting. We request our customers to place their

orders with us as early as possible. Prices of seeds, Pkt 10c, oz. 20c, 1/2 lb. 60c, 1 lb. \$2.00, 5 lbs. and upwards, \$1.85 lb.; strong roots, one-year-old, per 100, \$1.25; by mail, postpaid, per 100 \$1.75, 1,000 \$6.00; two-year-old, per 100

\$1.50, 1,000 \$11.00; strong three-year-old roots, per 100 \$2.00, 1,000 \$16.00 (500 of any kind furnished at \$7.00 rates).

BARR'S PHILADELPHIA MAMMOTH. Oz. 5c, 1/2 lb. 15c, 1 lb. 40c, 5 lbs. \$1.75; two-year-old roots, per 100 85c, 1,000 \$6.50; 100 roots, by mail, postpaid, \$1.50.

CONOVER'S COLOSSAL. A good standard variety. Oz. 5c, 1/2 lb. 10c, 1 lb. 30c, 5 lbs. \$1.25; two-year-old roots, per 100 75c, 1,000 \$6.50; 100 roots, by mail, postpaid, \$1.00.

DONALD'S ELMIRA. This new asparagus, first introduced by us, was originated by Mr. A. Donald, a prominent market gardener of Elmira. Prices of seed, Oz. 10c, 1/2 lb. 25c, 1 lb. \$3.00; strong roots, two-year-old, per 100 75c, 1,000 \$6.00 (500 roots furnished at 1,000 rates), 5,000 roots and over \$4.50 per 1,000.

PALMETTO. A large growing, bright green productive sort, quite early, from South Carolina. Oz. 30c, 1/2 lb. 25c, 1 lb. 75c, 5 lbs. \$3.25; very strong two-year-old roots, per 100 \$1.00, 1,000 \$9.00. 3-year-old roots, per 100 \$1.75, 1,000 \$15.00.

COLUMBIAN MAMMOTH WHITE. The stalks are very large, produced abundantly and very early. Prices of seed: Pkt. 5c, oz. 10c, 1/2 lb. 20c, 1 lb. 60c, 5 lbs. \$3.75; good strong two-year-old roots, 80c, per 100, \$5.50 per 1,000 (500 roots furnished at 1,000 rates).

GIANT EARLY ARGENTEUIL ASPARAGUS A ROYAL FRENCH VARIETY

The seed we offer is genuine imported French Argenteuil seed and will give better results than that grown in America, which is of doubtful purity. Argenteuil is about twice the size of anything now on the market excepting Starkey's. It is a prime, long lived sort. Oz. 10c, 1/2 lb. 30c, 1 lb. \$1.00; two-year-old roots, \$1.00 per 100, postpaid. By express or freight 85c, per 100, \$7.00 per 1,000.

Buyers of 10, 50, 75 or 100 lb. lots of any variety of Asparagus seed will be quoted special prices upon application.

ARTICHOKE

LARGE GREEN GLOBE. Cultivated for its flower heads, which are cooked like asparagus. Pkt. 10c, oz. 35c, 1/2 lb. \$1.35, 1 lb. \$3.50.

ARTICHOKE ROOTS. (See farm seeds.)

We have over
800,000 strong
two-year-old
roots ready for
our customers.

ASPARAGUS CULTURE

Our little book tells the amateur all about how easy it is for any one to have abundance of it.

Every Market Gardener who Wishes to Make Money Should Have It. The book is finely illustrated and discusses soil, preparation of ground, what to plant, when to plant, cutting, forcing, summer treatment, manuring, winter treatment, various methods of culture, gathering the crop, how to pack for market, early and late asparagus, also many other equally important subjects.

Every amateur or professional should have this valuable book. Bound in cloth, 50c., postpaid, will be sent FREE TO ALL who send us an order for vegetable seeds or plants amounting to \$5.00 or upwards. It must be asked for with the order.

ASPARAGUS ROOTS ARE A LEADING SPECIALTY

with us. Parties wanting extra quality roots in quantity will be quoted special prices by letter, by stating quantity.

ORDER SHEET—TWENTIETH CENTURY SEEDS.

BEANS DWARF OR BUSH GREEN-PODDED

GERMAN, Bohne—FRENCH, Haricot—SPANISH, Frijolencano

One quart to 100 feet in drills; $\frac{1}{2}$ bushels to the acre in drills.

Culture.

A succession of sowings can be made every two weeks from the first week in May until September. These dates are for the latitude of Philadelphia. Further south the first sowing must be done earlier; further north, later. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about two inches apart in the drills.

Moore's German Stringless Bush Bean

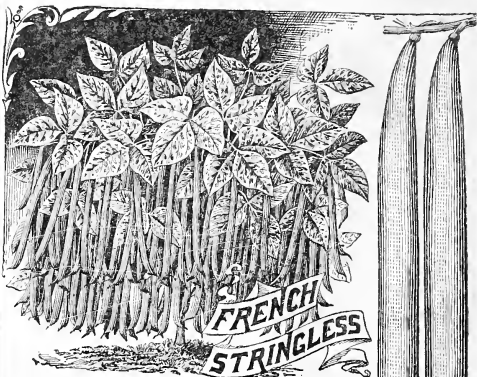
This superior variety is a prolific and continuous bearer and absolutely stringless. Very tender and of a distinct and delicious flavor.

This most excellent variety was introduced by us into cultivation in 1905, and is a distinct improvement in green beans, and at once becomes popular wherever known. The rich, dark-green pods are produced in marvellous abundance, being thick, long, very uniform in shape, solid, meaty, stringless, very brittle and tender. It is almost a continuous bearer, and is among the first to give edible pods in the Spring. The yield is enormous, and it is very early, and the pods remain tender a long time. Pkt. 10c., pt. 30c., qt. 50c., pk. \$3.50.

King of the Early Stringless

Ready for picking in 40 days from planting. A grand variety for the Market Gardener. Full round meaty pods. Distinct from all other sorts.

A very hardy and productive bush bean, with strong vigorous bushes, which hold the pods well up from the ground. It is fully a week earlier than the Valentine or Refugee. Beautiful, Giant Podded Valentine, Longfellow or Mohawk varieties. The pods are larger and of better shape, handsome, solid and tender, and make a very attractive appearance on the market. They yielded the past season over one-third more per acre on the same soil. The delicate green color of the pods is retained after cooking, which adds greatly to its attractiveness when served. Fine market sort. A continuous yield, and very profitable to grow. All who wish a profitable early bean for market or home use should plant this variety. Pkt. 10c., pt. 30c., qt. 60c.



New French Stringless.

Retains its delicate tenderness even when a little old. This new variety recently introduced by us has become famous in all the bean-growing sections of our country. At Paris, where we first saw it growing, it has superseded nearly all other sorts on account of its deliciousness. It cannot be recommended too highly for the local market gardener or shipper, for it simply sells on sight. It is a true, stringless round-pod bean, surpassing many varieties for earliness and productiveness, the yield being simply prodigious. The pod is of medium length, in color a very attractive light green, and is unequalled by any other sort for tenderness and fine flavor. We unhesitatingly recommend it to our many thousands of friends throughout the United States as being one of the best green-pod beans obtainable. Pkt. 10c., pt. 30c., qt. 60c.

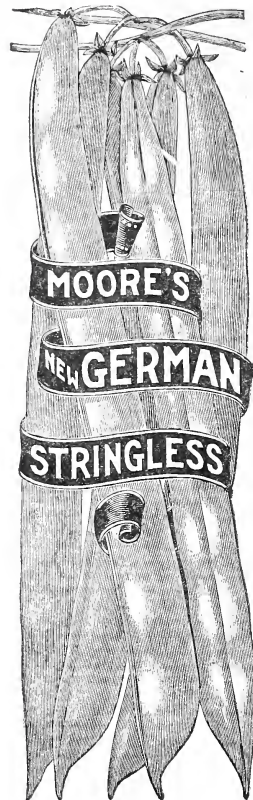
Moore's Newington Wonder or English Stringless.

A new early variety with long, round green pods, entirely stringless, very meaty, delicious flavor, wonderfully tender, remarkably early. Enormously productive, continues a long time in bearing, valuable for private gardens. This bean was introduced by us in 1903, and has grown steadily in popularity ever since. The bean is stringless at all stages of growth. It combines unusual hardiness and extreme earliness. No market gardener, shipper or amateur gardener should plant any but our English, German or French stringless beans. All other sorts are obsolete. Very profitable to the market gardener. Pkt. 10c., pt. 30c., qt. 60c.

Moore's Dwarf Sugar Forcing.

Connoisseurs who appreciate the delicious and well-seasoned dishes of Dwarf Beans served in the first restaurants of Paris will find that this new type of Dwarf Bean exactly meets their requirements. Moore's Dwarf Sugar Bean produces a heavy crop of long, dark green succulent pods, which are entirely stringless, and when well advanced in growth they retain their crispness and break easily. This is quite an early variety, and one of the finest for forcing, and also a most excellent sort for out-door culture. Pkt. 15c., pt. 40c., qt. \$1.00.

Triumph of the Frames. (French.) A great favorite in England for forcing and out-door culture. Pkt. 15c., pt. 40c., qt. 75c.



Early Six Weeks (Round Pod)

This excellent variety is a great improvement over the old type, being ONE-THIRD LONGER THAN THAT VARIETY, PODS PERFECTLY ROUND, LIGHT GREEN AND STRAIGHT, and fully as early. It also has the additional advantage of being suitable both for early and late planting, being extremely hardy. It will withstand early and late frosts which kill other varieties. A most desirable sort for the market gardener's full crop, owing to its enormous yielding qualities, large and handsome appearance and ability to withstand one or more frosts. Should be planted instead of either Red Valentine or Refugee, being superior to either in appearance. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.40.

Extra Early Red Valentine.

This is the well-known improved round pod strain. Pkt. 25c., qt. 35c., pk. \$2.50.

New Improved Early Refugee.

This bean is an immense and sure cropper. Pkt. 20c., qt. 50c., pk. \$2.50.

Black Valentine. Pkt. 30c., qt. 60c., 4 qts. \$2.25.

Refugee, or 1,000 to 1.

True bush growth, fifteen inches in height, branching freely. Pkt. 20c., qt. 45c.

Sutton's Forcing.

A remarkably dwarf and prolific bean from England, which produces an excellent crop within a very short period from the date seed is sown. Although the plant is well adapted for culture under glass, it answers equally well when grown in open borders. In fact this is one of the few varieties that is useful both for indoor and outdoor cultivation. Pkt. 15c., qt. 35c., qt. \$1.25.

BEANS DWARF OR BUSH WAX POD OR BUTTER VARIETIES

NEW
CALIFORNIA



RUST PROOF WAX

NEW CALIFORNIA RUST-PROOF DWARF WAX.

ONE OF THE HANDSOMEST AND MOST PRODUCTIVE FLAT
PODDED WAX BEANS EVER GROWN.

In this new very early variety introduced by us, we have one of the very best wax sorts offered to market gardeners and private families. It will sell twice, well and at a higher price than many other sorts. The pods are longer, broader, and of a brighter yellow color than any other sort, very superior quality, tender and stringless. The vines are of vigorous growth, leaves dark green, hardy, and yield enormous quantities of large, handsome, flat, meaty pods, borne well up from the ground, and has not shown any disposition to rust, no matter where grown. It is from eight to ten days earlier than the Valentine or any other flat pod wax sort. We particularly recommend this valuable new sort to all our market garden friends. Pkt. 10c., pt. 35c., qt. 70c.

THE MOST VALUABLE. GENTLEMEN:—I have been growing beans for twenty-two years, and I find your California Rust-Proof Wax the most valuable ever introduced. I picked 1,600 ½-bu. baskets from one bushel of seed.

J. H. WEAVER, Glendale, Pa.

PROLIFIC EVERBEARING WAX.

The Most Delicious and Best Selling Round-Pod, White-Seeded, Wax Bean on the Market.

This is a first-class wax bean in every respect, having originated with one of the leading Philadelphia market gardeners, who never sold the seed to his neighbors at less than \$10.00 per bushel. The pods are nearly round, of a beautiful bright yellow color, long and hang in perfect clusters well up from the ground, very early and hardy and continue a long while in bearing, and this combined with immense productiveness and handsome appearance, has made it a favorite with market gardeners everywhere. Pkt. 10c., pt. 35c., qt. 70c.

HODSON STRINGLESS WAX. An entirely distinct type of wax bean. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, handsome, light yellow, oval-shaped pods, somewhat resembling Prolific Everbearing Wax. The pods are brittle and tender, and of fine texture; if picked when young are entirely stringless. Its good qualities and remarkable productiveness make it one of the best late or main crop wax beans for the market. Pkt. 10c., pt. 35c., qt. 70c.

DAVIS' KIDNEY WAX (New). Crop failed.

WARDWELL'S IMPROVED DWARF KIDNEY WAX. Our strain of this sort is very pure.

NEW BEAN FOR
SHELLING



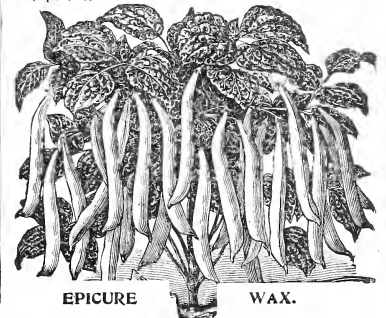
Bismark Great German Soup Bean



King of the Wax.

New, Perfectly Distinct, Immensely Valuable, Marvelously Productive
Extremely Early, and of Very Fine Flavor.

Plant of robust, branching habit, should be planted thinly so as to allow plenty of space for branching. The pods are of a beautiful, bright, golden transparent yellow color, very tender and almost stringless and entirely free from rust. Pods are long, thick, somewhat flattened, very meaty and hang in remarkable profusion. It will mature fully as early as our now famous California Rust-Proof Wax. As a market sort, it invariably brings the "top notch" price. We cannot mention it to all our market garden friends, Pkt. 10c., pt. 35c., qt. 70c.



EPICURE

WAX.

Epicure Extra Early Wax Bean.

The Only ABSOLUTELY Rust-Proof Round Pod Wax Bean Ever Introduced. Being entirely stringless, this variety can be used as a string bean until nearly ripe; in fact, LONGER THAN ANY OTHER SORT. It is also one of the hardiest varieties and does not spot like many other round pod wax sorts. Quality is unexcelled. An ideal bean for either early or late planting. An immense seller, bearing almost the entire summer. No market gardener will be disappointed with this excellent new sort. It is especially valuable for long distance shipping. Pkt. 10c., pt. 35c., qt. 70c.

CURRIE'S RUST-PROOF WAX. Crop failed.

Important!

It may be well for our southern and other customers to know that our California Rust-Proof Black Wax and King of the Wax beans will stand from 5 to 10 degrees more cold than any other Flat Pod wax sort.

Everybody relishes a good bean soup, but ninety-nine out of one hundred varieties of beans are too large and lack that rich delicacy of flavor that a soup bean should have. Now the German nation is great for good soup. They are known the world over for that, and a bean soup is one of their great specialties. We know while traveling in Germany that everywhere bean soup was served, and the rare delicacy and flavor thereof forth pleased remarks from every traveler. The secret of the whole thing was that they used a small soup bean. The size of the bean is smaller than a small pea, is magnificently flavored, and just the article required to make a magnificent bean soup. A pint of beans will grow sufficient beans to supply a good-sized family all winter, while for baking there is no bean so good as this. It is of a fine quality and richness of flavor. Price: Pkt. 15c., pt. 35c., qt. 50c., by mail postpaid. By express, pt. 30c., qt. 35c., 4 qts. \$1.15, pt. \$2.00.

MOORE'S SUPERB NEW BUSH LIMA BEANS

Moore's Profit-Making Lima Beans—Every Market Gardener Should be Careful to Plant Our Specially Selected Varieties

MOORE'S NEW GIANT

Sturdy Erect Bushes Filled with Luscious Green Beans, Prodigious Yields, Early and Continuous Bearer, Handsome Pods 4 to 5 inches in Length.

Both pods and beans are twice the size of Kummerle, Thorburn or Dree's Bush Lima. It is of stilly erect habit. It branches freely with all the branches held upright, and the pods high above the ground, no pods or beans discolored from resting on the ground.

Moore's New Giant Bush Lima. The beans are ready for use as early as those of the Burpee Bush Lima; bears tremendous crops and furnishes the most delicious beans for the table earlier than most pole varieties. The pods contain four to five handsome large deep-green beans of the most luscious quality and owing to the fact of the beans being so closely packed they shell very easily.

Moore's New Giant Bush Lima is a true wonder. It is the thickest bean I ever saw. Its fur ahead of Kummerle or Dree's Bush variety. It has been a seven days' wonder with all the market gardeners in this locality; it created a veritable sensation with everyone who saw it. It is big in every way—beans, big pods and crops, and last but not least it brought big prices. I had no trouble to get \$1.25 per basket for your **GIANT BUSH**, while it was hard to move the Kummerle, Thorburn or Dree's Bush at 80c. The beautiful appearance of the dark-green pods insures ready sale at any time. I planted May 16th and picked the first full-size pods July 5th. One bush yielded me 177 pods by actual count and I believe very few less than this.

Z. V. PATTERSON, Richmond, Va.

Moore's New Giant Bush Lima not only produces immense crops but has additional merit over all other sorts of the "Potato Lima" types both tall and bush. Even when of full size the beans are tender, juicy and sweet of flavor when cooked. This cannot be said of the Challenger, Dree's or Potato Lima sorts. On account of its close, compact and upright habit it can be planted one third closer than the old Burpee, Kummerle or Dree's Bush Type. Pkt. 15c., qt. 30c., qt. 50c., 4 qts. \$1.60, pk. \$3.35, bu. \$12.00.

MOORE'S NEW BIG POD BUSH LIMA

In this we offer you the **EARLIEST, LARGEST and BEST of all LARGE BUSH LIMAS**. The pods are truly enormous in size, filled with beautiful luscious green beans larger than any bush lima ever produced before. The pods are longer but not as thick as our New Giant Bush.

The plants are uniformly upright. The plant has heavier foliage, and is of more vigorous growth than our **IMPROVED LARGE BUSH LIMA** or **BURPEE'S BUSH LIMA** and will outyield the Burpee Bush Lima fully one-third. Fully grown bushes measure 25 or more inches high and about the same across the top. It will outyield the above sorts from a third to a half. It thus makes it of immense value to the market gardener.

Moore's New Big Pod Bush Lima when compared with the older sorts is radically different; the pods are borne in clusters, the beans are much larger, while the beans either green or dry are about twice as thick and of the same luscious flavor as our Giant Bush or Waiters' Thick Green Pole Lima. The beans either fresh or dried are of a delicate greenish white color, and are ready for use from 6 to 8 days earlier than the earliest pole Lima. We would like to tell you many more nice things about it if we had the room. Pkt. 15c., qt. 25c., qt. 45c., 4 qts. \$1.55, pk. \$3.00, bu. \$11.50.

BUSH BUTTER LIMA

A MARVEL IN YIELD! Outyielding all of the Earliest, and equalling the heaviest cropping Lates in number of pods.

Our tests show it to be earlier than any of the Pole or Bush Limas. It is simply delicious when cooked and served with a butter sauce. It is enormously productive (see our illustration), bearing continuously throughout the summer until killed by frost. Our customers will find it a delicious vegetable and one they will please them in both quality and quantity, being tender, rich and buttery. It is a true bush variety, growing only about 15 inches high, requiring no stakes or other supports whatever. Our Bush Butter Lima is especially adapted for family gardens and we hope all having such will plant it liberally, as it thrives well in all parts of the United States and Canada. It also makes a delicate winter Shelled Bean. It generally matures from 50 to 80 well-filled pods. Pkt. 15c., qt. 20c., qt. 35c., qt. 55c. postpaid. By express or freight, qt. 25c., qt. 40c., 4 qts. \$1.50.

THE EARLIEST OF ALL BUSH LIMAS 15 to 20 DAYS EARLIER THAN BURPEE'S BUSH.

OUTYIELDS ALL OTHER FLAT POD BUSH LIMAS BY 40%

BEARS IMMENSE PODS FILLED WITH BIG, GREEN, SWEET, JUICY BEANS.

BEANS OF DELICIOUS FLAVOR.

MOORE'S NEW BIG POD BUSH LIMA.

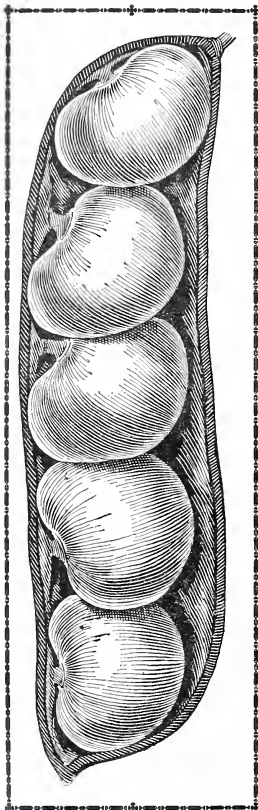
READY FOR USE IN 11 WEEKS.

Fordhook Bush Lima, (True Stock). A new variety of much merit. Pkt. 15c., qt. 25c., qt. 40c., 4 qts., \$1.10, pk. \$2.75, bu. \$10.00.

Burpee's Bush Lima. True quarter Qt. 40c., 2 qts. 75c., 4 qts. \$1.30, pk. \$2.60, bu. \$10.00.

Henderson's Improved Bush Lima. Of hardy growth and very prolific, bearing continuously until the end of the season. Very extensively grown in some sections. Pt. 20c., qt. 35c., pk. \$1.90, bu. \$7.00.

Plant Moore's Old Duke of York Tomato.



Moore's New Giant Bush Lima



BUSH BUTTER LIMA

POLE LIMA BEANS

One Quart will Plant 100 Hills.
Lima Beans are apt to rot if
planted too early.

WILKIE'S PERFECTION PRIZE

POLE
LIMA

SHOWING HABIT OF

PODS GROWING IN

CLUSTERS

THE
EARLIEST

THE
GREATEST
YIELDER

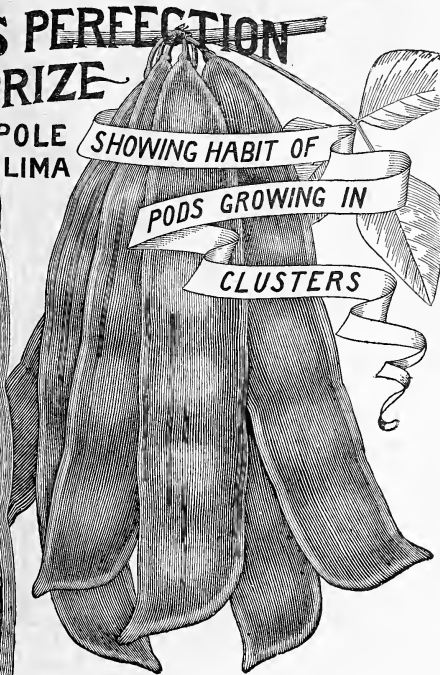
THE
BEST
QUALITY

THE
SWEETEST

THE
MOST
PROLIFIC

OF
ALL

ACTUAL SIZE OF POD.



Wilkie's Perfection Prize Lima THE STANDARD LIMA BEAN A GRAND ACQUISITION.....

After twelve years' trial this famous Pole Lima has proved superior to all for our many thousand customers who have planted it. This world famous variety originated in the seed was grown by a noted Philadelphia market gardener who desires us to distribute it to all those who wish to grow the most profitable and delicious of Pole Limas. Mr. Wilkie was over twenty-five years perfecting this truly valuable variety and which is unhesitatingly pronounced to be the best large Pole Lima in cultivation. The beans are large, very tender, sweet and juicy, of a fine green color and enormously productive—1627 pods have been gathered from a single vine. The vines while young produce pods in great abundance and continue to grow and bear profusely the entire season. This is unquestionably the earliest and best variety for the market gardener to plant; the beautiful green color and delicious quality of the beans always create a big demand for it wherever known. Pkt. 10c., qt. 25c., qt. 40c., ½ pk. \$1.45, pk. \$2.50, bu. \$9.00.

NO GARDEN SHOULD BE WITHOUT
WILKIE'S PERFECTION PRIZE LIMA

READ WHAT OTHERS SAY:

IMMENSE CROP.—The Wilkie Prize Limas I bought from you last year were the wonder of the neighborhood for earliness, yield and size of pods. In spite of the drought I had an immense crop.—William Stigley, Willow Grove, Pa.

GRAND SUCCESS.—An old customer of yours persuaded me last season to plant the Wilkie Prize Lima. I planted 16 quarts and had grand success.—John Long, Pittsburg, Pa.

PLANTED THEM ELEVEN YEARS.—I have planted your Wilkie Lima for the past eleven years, getting fresh seed from you every year. I have tried many other sorts but find it best. I believe it to be the earliest Pole Lima on the market.—Peter Leeming, market gardener, Cape May, N. J.

WALTER'S PROLIFIC THICK GREEN POLE LIMA BEAN

A grand selection, possessing great merit.
Of most delicious quality. Will always
command the highest market price.

Our illustration herewith which was taken from a photograph aptly illustrates the shape and compact habit of the bean. It originated and was grown for many years by Mr. Henry Walter of Gloucester Co., N. J., and who always jealously guarded his seed from "outsiders." By paying him an enormous price we finally induced him to grow seed stock which we now offer to our many market gardener friends. This variety invariably commands a higher price in all markets than any other sort, and it will be found very profitable to grow by all who plant for profit. The distinctive improvements are its remarkable productiveness, delicious flavor, and the forming of the beans so closely in the pod. Vines vigorous and productive, with pointed leaves and white blossoms. Pods broad, straight and thick. Beans dark green, tender, sweet and juicy, medium size, broad and much thicker than the Large Lima, and formed very close together in the pod. This is an excellent sort for the family garden. Pkt. 10c., qt. 25c., qt. 40c., pk. \$2.50, bu. \$9.00.

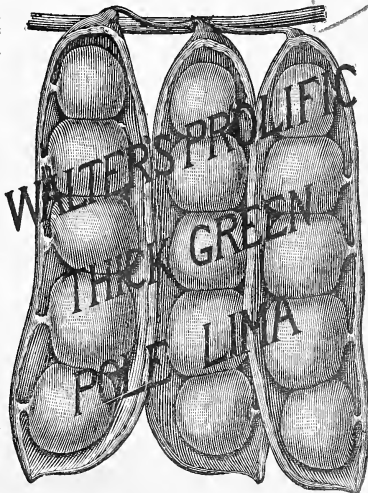
KEITH'S EXTRA EARLY LIMA. In earliness, ease of shelling, size and quality of the green bean, this variety is far in advance of many sorts. Pkt. 10c., qt. 25c., qt. 40c., pk. \$2.00, bu. \$7.00.

SHOTWELL'S IMPROVED LIMA. Our strain is much superior to the old type of Drear's Improved or Potato Lima. The distinctive features of this are early maturity, large yield and extra quality. The bean itself is thick and round, rather than oval-shaped, as most other Limas are. Pkt. 10c., qt. 25c., qt. 40c., pk. \$2.25, bu. \$8.00.

GREEN SEEDED. An extremely valuable new variety which should be known to every Lima bean grower. Very early, wonderfully prolific bearer and vigorous grower, beans large, pods borne in clusters of superior quality and immense size and filled with immensely large beans of a beautiful green color, and always command fancy prices. Pkt. 10c., qt. 30c., qt. 50c., 4 qts. \$1.75, pk. \$3.25.

OTT'S GREEN POTATO LIMA. (Private stock.) Delicious quality, very productive. Ft. 30c., qt. 50c.

DEER'S IMPROVED. Thick, round bean of fine quality and a heavy yielder. Pkt. 10c., qt. 25c., qt. 35c., 4 qts. \$1.40, pk. \$2.00, bu. \$7.00.



These Pole varieties should be sown 2 weeks later than the Bush varieties. They should be enriched with well-rotted manure in the hills; from 4 to 6 seeds are planted in each hill.



True Yard Long or Wonderful Cuban Asparagus Bean.



WREN'S EGG POLE BEAN



GOLDEN HORTICULTURAL STRINGLESS.



Early Golden Kentucky Wonder



GOLDEN LAZY WIFE'S POLE BEAN.

GOLDEN HORTICULTURAL STRINGLESS. Excels in earliness, quality, handsomely marked and hang in great clusters over the whole length of the vines. Taken at almost any stage up to absolute ripeness the pods are stringless and quickly cook to an almost jelly-like consistency. The quality is excellent, preferable to our taste to most of the dwarf "snap" or butter beans. Pkt. 10c., pt. 25c., qt. 50c.

SCARLET RUNNER. Ornamental as well as useful. It grows 10 feet high, and produces buds bright scarlet flowers, followed by large shell beans. Pkt. 10c., pt. 25c., qt. 50c.

IMPROVED DUTCH CASE KNIFE. Early, productive, and excellent, whether used green or dry. Vines vigorous, climbing well. Pkt. 10c., pt. 20c., qt. 40c., pk. \$1.50.

NEW GOLDEN LAZY WIFE'S POLE. It is nothing unusual to pick $\frac{1}{2}$ bushel to 3 pecks from a single vine. The pods are 5 to 6 inches long, broad, thick, fleshy, a beautiful yellow, and entirely stringless, surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. Exceedingly rich, buttery and fine flavored. The vines cling well to the poles. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are pure white in color, and make a fine shell or winter bean. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.00.

YARD LONG, or CUBAN ASPARAGUS BEAN. Pods grow from 2 to 4 feet long and are produced in great abundance. In color they are a beautiful green; tender and delicious, so that they not only prove a great curiosity wherever grown, but also a desirable variety as well. The pods are broken into suitable lengths while young, cooked and served with a drawn butter sauce, same as asparagus. Pkt. 10c., 3 for 25c.

TENNESSEE WHITE CORN HILL BEAN. It is undoubtedly the best variety ever grown for planting among corn, thus securing 2 crops easily from the same ground with but 1 cultivation—this is practical wisdom. The seed is white, pod flat, light green, very meaty, and they are without doubt the most productive green pole bean in cultivation. As a green snap bean they are superior to any sort grown. While it is the earliest pole bean grown, it will continue to bear until frost if the pods are removed while yet young. Don't fail to plant a dozen or more hills among your corn. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. \$1.25.

FAMOUS SOUTHERN BUTTER LIMA. This variety of pole beans is a little larger, and it is earlier to mature than any of the other pole sorts. It is also remarkably prolific, of delicious quality, a continuous bearer, easy to shell and will prove to be decidedly a money maker for the market gardener. The pods are produced in clusters. We strongly recommend it to all our customers as a distinct, valuable and highly desirable pole lima bean. All who have home gardens should plant it. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.00.

KENTUCKY WONDER WAX BEAN. In saying that this bean is even more prolific than its green-podded namesake we do not overstep the bounds of truth. It commences to bear when scarcely higher than the average bush variety, and keeps on producing until killed by frost. In some comparatively frostless districts it has continued in bearing from June to December. The illustration shows the height of the vine and its enormous productiveness. It is a rampant grower, one vine filling a pole with a mass of vines densely loaded with luscious beans. They are solidly meaty, entirely stringless, and when cooked, deliciously rich and buttery. The seed is brown, closely resembling that of the Kentucky Wonder. Pkt. 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.00.

WREN'S EGG BEAN. Stringless pods hang in enormous clusters. Beans large, beautifully splashed and spotted with red, and of the highest quality. Is a capital pole bean, takes to the pole exceptionally well. Being stringless it makes an excellent snap bean at any stage of growth, and when ripened is unsurpassed for eating. Pkt. 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.00.

OLD HOMESTEAD OR KENTUCKY WONDER. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are of a silvery green color, resembling the popular Refugee Bush Bean. Vines vigorous, climbing well, and very productive, bearing its pods in large clusters; pods green, very long, often reaching 9 or 10 inches, nearly round when young, and very crisp. An early and very prolific sort, with showy pods which are excellent for snaps. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.00, bu. \$7.50.

We will send postpaid any three 10c. packets for 25c., or 7 packets for 50c.

German, *Runkel Rube*.—French,
Betterave.—Spanish, *Betteraga*.

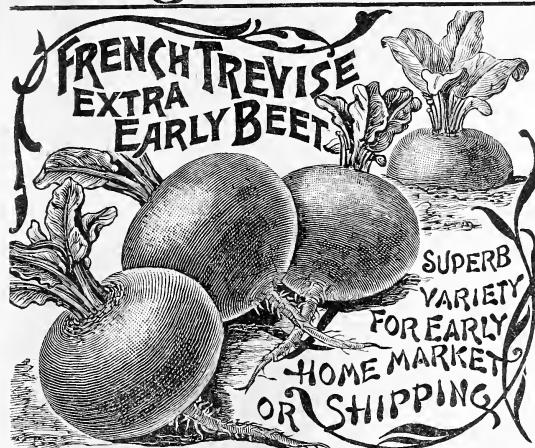
BEET

1 oz. to 37.5 lb. of drill; 5 to
 6 lbs. to the acre in drills.

CULTURE.—The soil best suited for the culture of the Beet is that which is rather light than otherwise, always provided that it is thoroughly enriched with well-rotted manure. For an early supply sow in spring, as soon as the ground is fit to work, in drills about one foot apart and two inches deep. For main crop, sow the first week in May, and for winter use sow in June. These dates are for the latitude of Philadelphia. For the South, sow earlier; for the North, later. When the plants have attained three or four leaves, thin out so that they may stand five or six inches apart. In October, the roots may be taken up and stored in cellar or pits outside.

Pedigree Varieties

**NEWEST AND BEST UP-TO-DATE
 SORTS FOR UP-TO-DATE PLANTERS**



NEW FRENCH TREVISE

**WE PUT OUR NEW FRENCH TREVISE BEET AT THE
 HEAD OF OUR LIST BECAUSE IT IS THE EARLI-
 EST BEET EVER PRODUCED.**

It is positively the earliest dark blood red variety ever introduced and we recommend every one of our 35,000 market gardener friends to plant it largely—it will make big money for them all.

It is as symmetrical as a small orange and is in its prime when about three inches in diameter. Skin very smooth, of a beautiful dark violet red color; flesh of a dark blood color and very tender; leaf stalks of a beautiful red color. Owing to its very small top it can be grown very close together, and like our *Nutting's Extra Early Gem*, is well adapted for growing under sash. We doubt if any seedsman will ever be able to produce an earlier beet than this, as we are constantly and systematically improving our stock. Marketable beets in thirty days is its record. Owing to its very rapid growth it will be found very profitable for late summer sowing. It is truly a model variety which we highly recommend to all beet growers who wish the earliest sort they can get. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.25.

**We have yet to hear of a user
 of MOORE'S SEEDS who
 would willingly give them up for
 any other brand.**

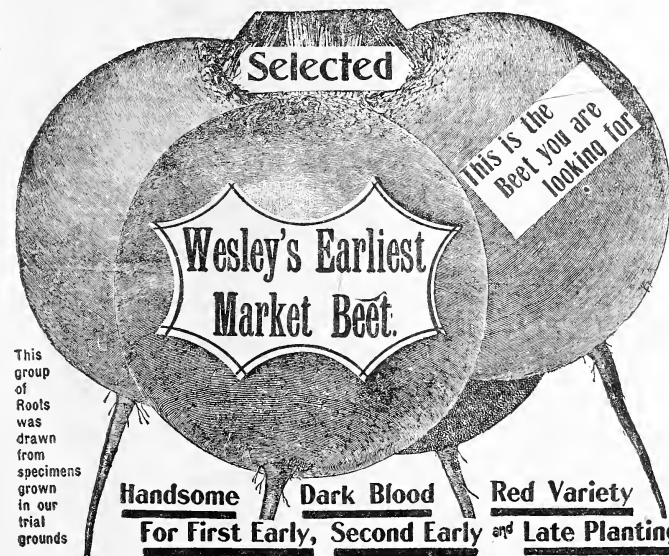
**Our customers will use over thirty-five
 thousand (35,000) pounds of our Selected
 Pedigree Beet Seed for their 1917 crops.**

**One of the Most Wonderful Early
 Beets of the Century**

WESLEY'S EARLIEST MARKET BEET

**The Darkest Red Early Beet
 Ever Grown. Meets a Long-
 Felt Want Among Beet Grow-
 ers for Open Ground Planting.
 Every Beet Salable. Always
 Brings the Highest Market
 Price.**

This excellent Beet is an improved form of the famous "French Early Blood Red Beet," so extensively grown in the south of France for early shipment to the Paris and London markets, where it is held in higher esteem than any other early variety. It is a source of great profit to all market gardeners, as well as to all others who grow it. It has a small top, is extremely early, very smooth, and of good quality; the color being a beautiful deep blood red. It is sure to please all planters on account of its many desirable qualities, and should be planted by all who grow for home use or market. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.25.
 Special price will be quoted for lots of 25, 50 and 100 lbs. and upwards.



**Handsome Dark Blood Red Variety
 For First Early, Second Early and Late Planting**

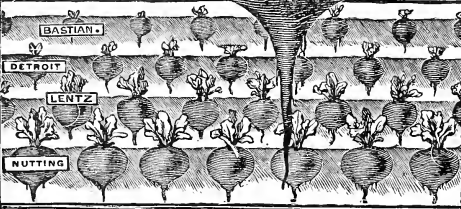
NUTTING'S EARLY GEM

VALUABLE

FOR
**SASH,
EARLY
BORDERS
SQUARES**
OR LATE
SUMMER SOWING.

**RED TURNIP
BEET.**

**SPECIAL PREMIUM
AWARDED FOR
EARLINESS
AND QUALITY
OVER ALL
COMPETITORS.**



**TRIAL BED SHOWING COMPARATIVE EARLINESS
OF 4 VARIETIES ALL SOWN AT SAMETIME.**

Notting's Early Gem. It seldom fails to the happy lot of to introduce a novelty of such great merits as this. Mr. Notting's success and fame as an early beet grower has extended over a long period of years, and the giving of this grand new early beet to the public through us—we have purchased his entire stock—he considers the crowning effort of his life. His neighbors have frequently offered him fabulous sums for this seed, so highly do they prize it for its extreme earliness, dark blood-red color and fine quality. Its special valuable features consist in its being two weeks earlier than the Bastian, Lentz, Deving's and Egyptian strains, together with its being much better adapted to growing under sash, owing to its very few and small leaves, thus rendering it very profitable to the market gardener. It will invariably command the highest market price, and not infrequently sells at a higher figure than any other sort. For a general outdoor early crop it is very satisfactory. The quality is the highest, being very tender, sweet and juicy, even when the leaves die off from age. It does not become tasteless, "woody" nor stringy when fully grown, as many other sorts do. It will also be found to be the ideal beet for hot-house forcing, as our numerous testimonials will show. The seed of this variety is unusually small and a given quantity will plant a larger space than any other sort, which makes it a remarkably economical sort for large planters to use. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

EARLY EGYPTIAN. Flesh blood red. Of good quality when young. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

EARLY ECLIPSE. Our type is the result of careful selection of the best roots for seed. Oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

SELECTED LENTZ. Original stock seed grown by Henry Lentz. Much superior to that ordinarily sold. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

SUTTON'S LONG BLOOD RED SUGAR. A celebrated English variety growing about 10 inches long, color a beautiful dark crimson and good quality. A profitable market sort. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Sutton's Table Delicacy.

We have eaten of nearly all varieties of beets grown in this and other countries and pronounce the Table Delicacy the finest flavored and tenderest beet grown. No matter how old the beet may be, the exquisite flavor and tenderness remain; this peculiar quality causes it to be the best of all varieties for the family garden. In earliness it is equaled by none, and when sown late for winter use it is equaled by none for table use. In size of root and top it closely resembles our Notting's Early Gem described elsewhere. Every one with a family garden should plant this very toothsome variety—it will surely please all. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

DETROIT RED TURNIP. An early blood-red turnip sort of fine quality. Original stock. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

SWISS CHARD. Grown exclusively for the foliage which cooked makes most delicious "greens." Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Arlington Favorite Extra Early.

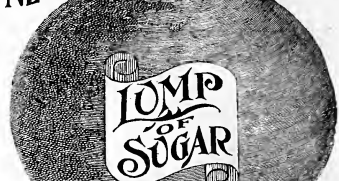
M. & S. STOCK. This very early dark red variety has many points in its favor. The top is short, small and well adapted for growing under sash; for open ground planting it will be found one of the finest dark beet extra early colored sorts obtainable, much superior to many existing varieties. The roots are perfectly smooth, of beautiful round shape, intense blood red skin and flesh, fine grained and very sweet. It is earlier than Bastian, Deving's or Lentz, and will be found valuable for sowing for an autumn or winter sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

EDMAN'S EARLY RED TURNIP. Smooth, good marketable size. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 65c.

EARLY MODEL. New. True stock from England. Early, flesh deep rich blood red crimson. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

LUMP OF SUGAR

A NEW BEET



**UNEXCELLED
FOR THE
FAMILY
GARDEN**

A great acquisition. Color outside is deep blood red; inside layers of blood red and light red alternately. They are beautiful when cooked, fine grained and unsurpassed in quality. It continues to grow till late in the fall, attaining a large size, and making a good selling and eating beet for winter. Now, this beet has been before the public but a couple of years, but the demand for same is something simply enormous. Everybody who has tested it will want it a second year on account of its tender and sweet sugar flavor. It is a great money maker, as its fine shape and size bring for it excellent prices wherever offered. Early? Yes; it will mature fine specimens in forty days from sowing. Everybody is pleased with it. It makes friends everywhere. Its flavor is superb and its quality is never found wanting. Indeed, our Lump of Sugar is best of all for the family garden. They never get tough, woody nor stringy. Always sweet as a "lump of sugar" and are good for sowing for spring, summer and all eight sorts. They will never disappoint you. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

New Silver Asparagus Beet.

A wonderful new vegetable; and we are delighted to be able to offer it to our customers after a careful test which has thoroughly demonstrated its value. The leaves are large, light green, and finely curled and crinkled, and are used for greens, for which we find them most excellent. But the great value of the plant is its large, fleshy, white midrib of the leaves, which are cut and cooked like Asparagus, and are extra fine. As a substitute for Asparagus nothing could be better, and it may be cut and used all summer. A most valuable new vegetable. Put for use 2 to 8 months from seed. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.



ASPARGUS

Moore's Sweet Dark Blood Half Long.

We have obtained our stock of this famous excellent sort from the only grower, Mr. John Moore, one of France's most successful market gardeners. The shape is medium half long, nicely shouldered and tapering gradually to a point. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Moore's Superior Sugar Beets and Mangel Wurzel

SPECIALLY GROWN FOR
FEEDING PEDIGREE STOCK

In our opinion no crop is a better paying investment for farmers to grow than Mangel Wurzel beets. The value of these for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost and our selected seed will yield immense crops per acre.

A horse, a cow, or a sheep will thrive and do well on good pasture alone. Cut this grass, carefully cure it and feed the animal on hay alone. It will lose its appetite in a few weeks, become thinner and it will not have a thrifty appearance. The hay is dry feed, the grass a succulent feed. If the best results are to be secured from feeding in winter some succulent food should be provided to take the place of the green feed of summer.

The cheapest, most convenient and best way of providing succulent food is with roots. We recommend the growing by farmers, and especially dairy-men, of Mangel Wurzel as the root crop best adapted to make farming profitable.

Certain wealth and prosperity is assured all stock or dairy farmers who feed liberally of roots. Mangels are a valuable food to give brood sows during the winter. Fed in connection with grain they keep the animals healthy, the hair glossy and the system cool. Fattening hogs like them as a change from corn and they keep the appetite up well. It is difficult to obtain a full yield of milk in winter without succulent feed, and mangels supply this to the dairy cow in a palatable form. Mangels help push the calves along during the winter. Plant an acre this spring.

Mangels are the most important of all root crops for feeding, as has been proven by many State experimental stations, and by thousands of prosperous dairymen and stock growers who feed them largely. They may be grown in any part of the American continent on fairly good farm land; all that is necessary is good cultivation.

The best soil for Mangels is loose friable loam and deep plowing. If expedient, follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The ground should be well enriched, and the seed sown in May in drills 24 inches apart in light soils, and 30 inches apart in strong, rich land; thin out the plants with a hoe to 9 inches apart in the former and 12 inches apart in the latter, 5 to 6 lbs. of seed are used per acre if sown with a drill, or double that quantity by hand. Cultivate with a horse hoe.

If by mail, add for postage

NEW ENGLAND MILK AND BUTTER SUGAR MANGEL

This distinct variety which we have introduced after repeated tests with other sorts is a most important addition to our list of roots for stock feeding as it contains less water and more sugar and nutritive matter than any other mangel. A special feature is the rich, dark color of the flesh, nutritious and milk flesh producing qualities. In England, where it is considered indispensable for dairy farming, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows produce fully one-third more milk and butter and are in much better condition fed on hay and the Milk and Butter Mangel than if fed on hay alone. The largest yield of cattle food ever known has been obtained from this variety. Chemical tests show it to contain twenty per cent sugar, while other sorts only analyze from twelve to fourteen per cent. It is a compact grower, and if ground be well fertilized, this variety will stand closer cultivation than any other. The root and top is red and very smooth. Pkt. 50c, oz. 10c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

RED PANCAKE MANGEL

Especially adapted to stiff heavy, clayey and shallow soils. A very heavy crop, per acre easily dug and the most nutritious of all red sorts. With much heavier crops on shallow soil than any other sort, in fact it is well adapted to all soils. Oz. 10c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.25.

BRUSSELS SPROUTS

German, *Kopfkohl Gruener*.—French, *Chou de Bruxelles*. Culture same as for late cabbage. Thus it may be had in fine condition from October until December and in the Southern States it may be had from November to March.

VEITCH'S MARKET FAVORITE

Produces a very early crop of large, solid sprouts, delicious in flavor. Leaves rather small, crumpled, p-le green in color, standing well out from the stem. For competition on the exhibition table, this fine strain of Brussels sprouts has no equal. Accompanying illustration is produced from a photograph. Enormously productive and a sure header. The finest of all sorts. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50, lb. \$2.00.

SUTTON'S MATCHLESS. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. 75c, lb. \$2.00.

THE DAIRY FARM
CAN BE MADE TO
PAY LARGE
DIVIDENDS



The feeding of either or both of these two beets will increase your dairy profits from 25 to 50 per ct.

DANISH LONG-KEEPING SUGAR MANGEL. Danish dairy products have a reputation extending worldwide, and probably export more first class butter than any country on the globe. The excellent quality of their butter is largely due to the fine healthy condition of their milk cows which is attributable solely to the rich quantity of the enormous quantity of root crops fed, the principal one being the most excellent one herewith offered, **New Danish Long-Keeping Sugar Mangel.** In Denmark no variety has yet been found to give such good results. Analysis has shown it to contain twenty-one per cent sugar. The flesh is a deep golden yellow and is of high fattening value as well. Sheep and most stock have preference for it over other varieties. It is the longest and best keeping of all the mangels. The roots will keep in perfect condition until June. The yield per acre under best cultivation is simply enormous. Pkt. 50c, oz. 10c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

SUTTON'S CHAMPION COLOSSAL LONG KEEP MANGEL (True) The heaviest cropping and best long red mangel. This mammoth variety grows to an immense size, single roots weighing thirty to fifty-five pounds each, and always of fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root by which a great weight is obtained, without coarseness. Pkt. 50c, oz. 10c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

NEW GIANT GOLDEN YELLOW LONG MAMMOTH MANGEL. This new and distinct variety is a great improvement over the old Vell w Intermediate, being much larger and more even in shape, and of a beautiful bright yellow color. Producing enormous crops easily pulled and an excellent keeper. Oz. 50c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

CHURCH CASTLE LONG RED, OR GATE POST MANGEL. A very celebrated English variety. Pkt. 50c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

LONG RED MANGEL. A very heavy cropper, frequently producing forty to fifty tons to the acre. Oz. 50c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

NAMMOTH RED GLOBE. Excellent for shallow soils. Oz. 10c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

GOLDEN TANKARD MANGEL. Hardy, and maturing earlier than other large sorts. Oz. 50c, $\frac{1}{2}$ lb. 25c, $\frac{3}{4}$ lb. 35c, 5 lbs. \$3.50.

FREE GIFTS. This year we will distribute ONE MILLION PACKAGES OF SEEDS for trial. Everybody will get something, even though their order amounts to only twenty-five cents. The larger the order the more seeds will be added.

BROCCOLI German, *Broccoli*, *Spargel-Kohl*. French, *Chou Brocoli*.—Spanish, *Brocoli*. Cultivation same as Early Cauliflower.

Sutton's Snow-White

This valuable new sort is a decided acquisition. The immense large close, snow-white heads are of spotless purity, alike valuable for a spring or fall crop and a sure cropper where cauliflowers are uncertain. They deserve a prominent place in every garden, and those who grow for market will find this variety unusually profitable to cultivate. This variety is a sure header. Pkt. 25c, $\frac{1}{2}$ oz. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50, lb. \$2.00.

WHITE CAPE. Heads medium size, close, of creamy white color. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50, lb. \$2.00.



HIGHEST QUALITY CABBAGE SEED

German *Kopf-kohl*—French *Cheou Pomme*—Spanish *Repollo*. 1 ounce will produce 1500 plants; $\frac{1}{2}$ lb. of seed in beds to transplant for an acre.

Culture The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates twenty degrees below the freezing point, seed may be sown in the open border in October and planted out on the first opening of spring; but in our Northern States they must either be sown in hot beds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with Cabbage or Cauliflower that the plants be set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in June. For second early the early kinds should be sown first week in April and planted out in May. This crop should mature in July and August. The late varieties are usually sown in the early part of May, and the plants are set in July, at distances of three feet between the rows, and two feet between the plants. This crop matures September, October or November.

READ THIS We dare say that we bestow more care in the selection and growing of our Cabbage Seed than any other seed house, and intending customers may rest assured that they will get the finest Cabbage Seeds from us obtainable, much better in fact than from any other source known to us.

New Early Cabbage—Copenhagen Market



This superb new Cabbage created quite a sensation with all who grew it during the past season. It is undoubtedly without a rival as the *finest large round-headed early* Cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—(this being a great consideration to Market Gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. It matures as early as our *Large Early Ox-Heart* or *Charleston Wakefield*, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Unfortunately, the stock of seed (all grown in Denmark) is *very limited*. Per pkt. 10c., oz. 40c., $\frac{1}{2}$ lb. \$1.00.

No One
Should
Miss
Planting
This
**BOSTON
EARLY
HARD
HEAD**

BOSTON HARD HEAD CABBAGE



This superb variety nearly equals Jersey Wakefield in earliness, and forming very much larger heads. Very uniform in shape and general appearance, fine grained, small, short

stump, with few loose leaves, thus allowing them to be set out near together; it also has a very valuable quality of remaining much longer than any other, after full maturity, without cracking or bursting. It is likewise an excellent sort for winter. Try it. Pkt. 10c., oz. 40c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.50.



LARGE EARLY OX-HEART. For many years past the true type of this valuable cabbage has not been offered by any American seedmen. We are proud to say that we are now enabled to offer to our patrons the true type of this long famous and valuable old sort. We pronounce it the very best early cabbage in existence. The heads are nearly twice as large as the Early Jersey Wakefield, often weighing fifteen pounds, and nearly as solid as our Boston Early Hard Head, and of very compact growth. It also stands the cold better than many other sorts. The color is a beautiful emerald green, leaves smooth, small ribs habit vigorous, stem short. Very few outer leaves, thus admitting of close culture upwards

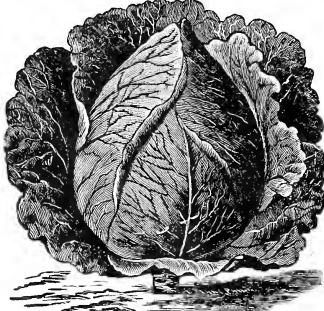
of 12,000 can be planted to an acre. Our market-garden friends will be pleased to know that it does not hurt open like the Wakefield. It is particularly adapted to this, high soil. This is a great acquisition, as every cabbage grower will at once recognize. Pkt. 10c., oz. 40c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.50.

Moore's Selected Beauty Early Jersey Wakefield

This is the

Best Type of
Early Wakefield

Our strain is universally recognized to be the best type of Wakefield early cabbage in cultivation. The heads are pyramidal in shape, remarkably hard, have a blunted or rounded peak, size large, outer foliage small, and capable of being planted very close, and will mature all at once. It has always been our aim to have the very finest strain of this important variety, and it pleases us to state that we have a really superior strain for our Market Garden friends, and we hope they will avail themselves of the opportunity to get our extra stock of this valuable early variety. Pkt. 10c., oz. 35c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.00.



Moore's Selected Beauty Wakefield.

New Early Flat Brunswick. A grand new early cabbage from Germany. Every head as uniform as if moulded, and remarkably solid even when young. The shape and habit of growth is well shown in our illustration herewith. It is ready to cut as early as our Early Ox-Heart, somewhat larger, equally of fine flavor and delicate texture. A remarkably compact grower, on well drained ground it can easily be planted 20 inches apart. Its uniformity in shape, solidity and unwatered ground it especially makes it especially valuable for market gardeners. Its compactness particularly recommends it to small sized gardens. We earnestly commend it to all our many thousands of customers. Pkt. 10c., oz. 35c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.00.



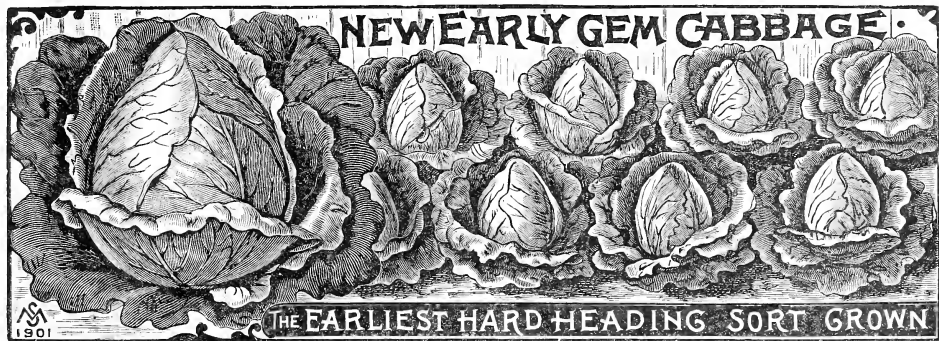
New Early Flat Brunswick.

MOORE'S NEW EARLY GEM CABBAGE

Procurable only from The Moore Seed Company, Philadelphia

A Valuable New Acquisition for All Who Grow Early Cabbage. Earliest Hard Heading Cabbage Known. A Great Boon to the Market Gardener.

All Who Plant EARLY CABBAGE Should Plant This. It Means Big Money to All Who Plant It. SUCCEEDS EVERYWHERE From Maine to California and the Philippine Islands, From Canada to Cuba and Porto Rico.



It has taken us ten years of hard, continuous labor to produce and perfect the New Early Gem Cabbage, which for extreme earliness and hardness of head, is the peer of early sorts. Everywhere cabbage is grown, specialists have been struggling to combine a hard head with earliness and it must be conceded that until now all these efforts have failed and that the great desideratum has been left to us to accomplish. We feel confident that at last a variety has been produced which combines extreme earliness with hardness and good size; likewise delicious flavor, tenderness, sweetness and productiveness. This is another valuable feature which it possesses and should be taken into consideration by all, viz.: Its compactness of growth. Notwithstanding the large size of its head, the leaves are very few, small and set close to the head. So compact is its growth that 14-20 heads will be grown to the acre on any good ground, sufficiently fertilized. The seed is so pure and highbred that practically every plant will produce a fine, hard head. We can recommend it to the market gardener, trucker and private planter, as it is a perfect first early cabbage in every respect. All are safe in planting it and we especially recommend it to southern growers. Pkt. 10c., oz. 40c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.50.



NEW MODEL SUMMER CABBAGE

In this illustration we display what we consider—as well as all those whom we sold it to last year—the finest type of summer cabbage in existence, whether for medium early, main crop or winter use. We class it as a second early sort, coming in a few days after our Crown Jewel, but immeasurably superior, in some respects, being double the size, with no tendency to run to seed nor drop the leaves during hot summer days. We say, without exaggeration, that it is the finest summer cabbage in existence to-day, and for summer use it has no equal. It is the cabbage in every respect for the market gardener or private planter, being large in size, handsome in color and of the finest quality. It is, in all probability, the most profitable sort to plant, as a crop is sure, no matter when planted. All our varieties of cabbages have for many years been the acknowledged standard of excellence by everyone interested in this important seed. For compact growth and solidity and fine quality, it is without a peer; and as Mr. William S. Lippincott, of Morton, Pa., writes us: "It is the most rapid selling and satisfactory summer cabbage I ever grew." Pkt. 10c., oz. 35c., $\frac{1}{2}$ lb. \$1.00, lb. \$3.50.

HENDERSON'S SUCCESSION. (True Stock). About one week later than Early Summer. Our stock is unusually fine. Pkt. 10c., oz. 30c., $\frac{1}{2}$ lb. 75c., lb. \$3.50.

EARLY JERSEY WAKEFIELD. Selected. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$3.50.
PHILADELPHIA EARLY WINNINGSTADT. Our strain of Philadelphia grown seed of this excellent variety will be found much superior to the imported seed usually sold. In season, it comes very close to the Wakefield; heads large, leaves bright, glossy green; heads solid and hard even in summer. This is a very sure heading variety. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 60c., lb. \$1.50.

NEW RUSSIAN ROUND GIANT

The Largest Hard-Heading Cabbage In Cultivation. Sure to Head.

This new cabbage originated in Russia, and well deserves the name Round Giant, for never before have we seen any cabbage that produces such uniformly large, solid heads, or any very large cabbage in which the heads were so hard and solid. The New Russian Round Giant is uniformly true to type and sure to head hard—"solid as a rock"—and we recommend it to all our market garden friends, who wish large heads, as being a distinct summer, fall and winter cabbage, sure to please all. Pkt. 10c., oz. 30c., $\frac{1}{2}$ lb. 85c., lb. \$3.00, 2 lbs. \$5.60.



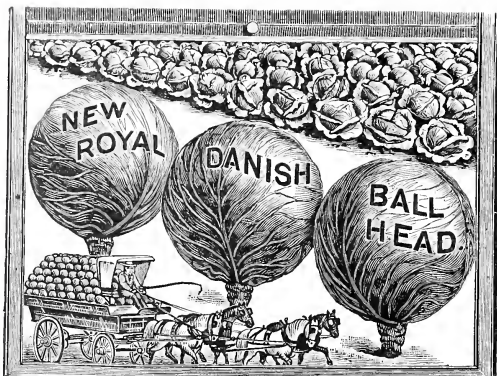
New Russian Round Giant

Not a plant missed making an extra large, round, firm head, very fine grained, tender and handsome in appearance. My entire crop of 2,000 heads, rated as extra fancy and returned me \$2.00 per hundred above regular good stock. Enclosed find money order for four pounds more."

CHINESE LETTUCE CABBAGE

We wish every one of our customers to plant freely of this delicious vegetable. The most tender of all cabbages. Sow seed April 1st and again about July or August 1st. Plant about the same as cos or celery. Lettuce can be prepared for table same as cauliflower or snow cabbage. Pkt. 10c., 3 pkts. 25c., oz. 40c., $\frac{1}{2}$ lb. \$1.25.

Moore's New Royal Danish Ball Head Cabbage



PROCURABLE ONLY FROM THE MOORE SEED COMPANY
PHILADELPHIA

It is the Best of All the Danish Cabbages
Early, Hard Head, Short Stem and the Best Keeper of All
Always Commands a Higher Price Than Any Other Kind of Imported Cabbage
40,000 Pounds Per Acre Is No Unusual Yield

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.25

WHAT ENTHUSIASTIC GROWERS SAY OF IT

THE BEST CABBAGE IN NEW YORK STATE

Gentlemen:—"I am both a grower and a shipper of cabbage. I planted 25 acres of your New Royal Danish Ball Head, and all who saw it, as well as myself, pronounced it the best strain of Danish Cabbage in New York State. My crop averaged 18½ tons per acre, and I did not lose one head from rot or blight."

S. J. THOMAS, Ontario Co., N. Y.

THE EARLIEST TO MATURE

Peter Folwell, Leeds, N. Y., writes:—"I planted three kinds of Danish Cabbage last season, including your Royal Ball Head which was ready to cut twelve days before the other. For solidity and long keeping it beats anything in my twenty-two years experience."

DEALERS ALWAYS PREFER IT

James Cusick, Ashtabula, O., writes:—"In answer to your inquiry, I find my customers decidedly prefer your Royal Ball Head, which is due to its great tenderness and delicate sweet flavor. The heads remain firm and the leaves retain their crispness longer than the German Export, Danish Round Head sorts. I find dealers always prefer it to any other cabbage they can get."

CREATED A GREAT SENSATION

James Clerque, Irondequoit, N. Y., writes:—"Your New Royal Danish Ball Head Cabbage has created a great sensation among the cabbage growers here. No rot, no blight, no failures, no loose heads. It is 100 per cent. pure. I had a little over ten tons on half an acre. It is all head, no stalk, no outside leaves, and it keeps in perfect condition until May."

STONE HEAD CABBAGE—New German Variety

A superb solid sure-heading winter cabbage of distinct type and large size, direct from Germany. The stem is short, the spreading leaves resting upon the soil, and the large solid heads are formed close to the ground. The heads are broad—"solid as a stone"—of distinctively rounded form. Its remarkably fine appearance and mild sweet flavor always insures the highest market price. The superb hard heads are excellent for making slaw or sour kraut. From their great solidity, they keep well when stored for winter use. A fine type for selling in baskets. Fine market sort. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50, postpaid.



Simon's Brunswick Netted Savoy

FINDS OURS THE BEST

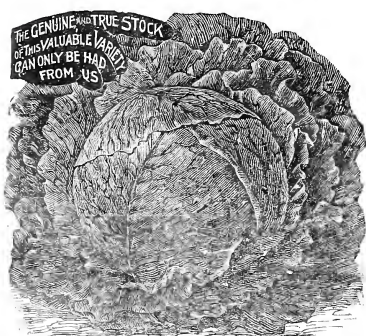
"I have tried cabbage seed from many other firms, but find yours the best."
FEDER PEDERSEN, Steelmanville, N. J.

CLEARED \$127.00

"Last season I cleared \$127.00 on less than a half acre of your New Royal Danish Ball Head."
MORTON HAINES, Harrisburg, Pa.

BRUNSWICK NETTED SAVOY

THE HARDEST HEADING AND BEST VARIETY FOR EARLY OR LATE CROP



Large Dark Red Danish Drumhead Cabbage

Heads large, very compact, solid and deliciously tender and sweet, and well adapted for either early autumn or late autumn and winter crop. Entire "plus" of it will keep in perfect condition until May. Walter P. Fenton, Conshohocken, Pa., writes: "I have grown all the advertised kinds of Savoy, but found no other half so good a keeper, it being in good market condition on the 15th of May. It also differs from all other kinds of Savoy in making heads as hard as a rock, standing late frosts in the field better than the Lee or Marvin strains. Its rich, sweet flavor and fine, curly, netted look, cause it to out sell all other varieties. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

LARGE DARK RED DANISH STONEHEAD

We unhesitatingly pronounce this the best of all late Red Cabbages, producing uniform large solid heads, of a rich, deep red color. Many of the heads average eleven pounds each, it also keeps longer than any other variety, and never fails to head. Either for pickling or table use there is no variety to equal it. Our seed is grown for us by a celebrated Danish market gardener, and will give the greatest satisfaction to all. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

IMPROVED EARLY RED DUTCH ERFORT. By careful selection we have greatly improved this sort in size and color, and our improved strain will give universal satisfaction for all purposes. Very early solid dark red heads of medium size. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., 1 lb. \$3.00.

RED ROCK. Not so large nor solid as our Large Dark Red Danish Drumhead. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., 1 lb. \$3.00.

AMERICAN PERFECTION DRUMHEAD SAVOY. Pkt. 5c., oz. 35c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

MATCHLESS LATE FLAT DUTCH. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.
GERMAN EXPORT. "Holland Cabbage" Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.25
PREMIUM LATE FLAT DUTCH. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.
PREMIUM LATE DRUMHEAD. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

John L. Wilson, North Carolina, writes:—"The cabbage seed I bought of you last season was the best I ever grew, and more than represented."

THE WORLD'S BEST CABBAGE SEED

IS GROWN BY AND CAN ONLY BE HAD FROM US

15 Distinguishing Points

1. It is the surest heading American variety of cabbage.
2. It is known to flourish on all soils, north, south, east or west.
3. It is planted by more gardeners than any other late sort.
4. It is almost proof against the destructive cabbage worm.
5. It is the best winter keeper for the southern states.
6. It is the best to grow for home market.
7. It will produce the greatest money value per acre.
8. It is the best for the family garden.
9. It is the best to sell by the 100 heads or carload.
10. It is the best sort for the dealer to handle.
11. It is sure to head solid.
12. It makes a crop where other sorts fail.
13. It is worth many times the price we ask for it.
14. It is the best for making fine quality sour kraut.
15. It is sure to please everybody.

HAINES' PERFECTION LATE BEAUTY CABBAGE.

Our attention was first called to this new late cabbage by the raiser, Mr. Albert Haines of Burlington Co., N. J., who for many years kept in his own family and occasionally sold a little to his friends at \$10.00 per lb. Many of those who grow it call it the "Greasy Head," owing to the peculiar dark smooth, oily appearance of its outer leaves. This feature renders it quite free from the attack of the cabbage worm. This feature alone is of inestimable value to all who plant it. Our seed stock, being obtained direct from Mr. Haines, can be relied upon as being absolutely pure. All those who grow it pronounce it different and superior to all other late sorts. The interior is creamy white, compact and crisp, flavor especially fine. Produces enormous solid heads, averaging from fourteen to twenty pounds, and when especially grown will often reach thirty lbs. each. We pronounce it the best late sort for winter keeping and shipping we ever introduced. Every plant makes a beautiful large solid head which will usually sell above the highest market price. A field of this cabbage presents such a beautiful and interesting sight that it is no uncommon thing for cabbage growers to drive many miles to view it. Many cabbage growers write us annually that they realize from \$1.00 to \$2.00 per 100 heads more from this sort than any other. Cabbage worms rarely bother it, and if so seldom do

HAINES' PERFECTION LATE CABBAGE.



much harm as in other sorts. If you grow late cabbage you will miss an excellent opportunity to make money if you fail to plant it. We offer it at the extremely low price of pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, 1 lb. \$4.00, 2 lbs. \$6.00.

"The Haines' Giant Late Beauty I had from you received nothing but praise from all who saw it. Will plant ten acres, my entire crop, with it next season."

L. S. BURGONE, Buffalo, N. Y.

"I realized thirty per cent. more money per acre from the Haines' Giant Late Beauty I planted last year than I did from the Autumn King."

CHAS. B. SMITH, Wilmington, Delaware.

CHAMPION'S LATE FLAT DUTCH CABBAGE

We know this to be the finest strain of Late Flat Dutch Cabbage Seed ever offered. It is all head, always sure to head, and will produce a greater weight of cabbage from a given space than any other Late Flat Dutch or Drumhead sort. The heads have scarcely any outer leaves, are remarkably uniform, solid, of fine texture, have a short stem, and usually weigh from ten to thirteen pounds. It is very sweet flavored, keeps well, is an excellent shipper, withstands drought well and is without doubt the finest Late Flat Dutch Cabbage for the Market Gardener and Consumer that we ever saw during our thirty years' experience. No variety of Late Flat Dutch can approach it for fine quality and uniform reliability to produce solid, firm heads of good size during the most unfavorable weather. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., 1 lb. \$2.50.

The Cabbage Worms Passed It By.

Joby Smoot, Selma, Fla., writes: "I am much pleased with your Haines' Cabbage; while the worms here are very bad, they seemed to pass it by, while two other sorts I had were completely ruined by them."

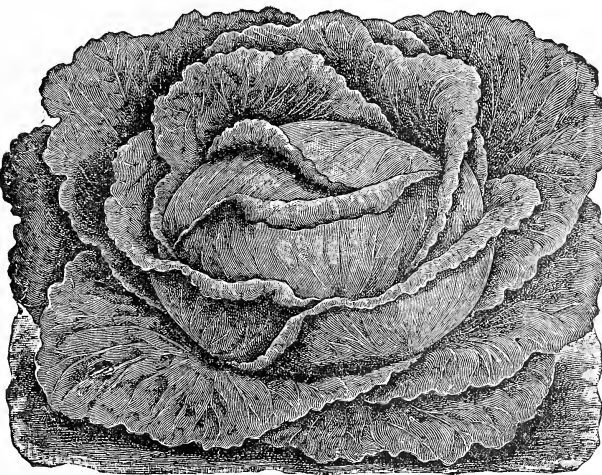
Got Big Dividends.

Benjamin Teller, Richmond, Va., writes: "I certainly got big dividends from the pound or the Haines' Perfection Late Beauty Cabbage seed I bought from you last season. Not a plant failed to head, not a head was lost by the worms. It is the only sort here that escaped. Every head was salable at top notch prices."

Kept Fine and Made Lots of Money.

"I must write you about your Haines' Late Beauty Cabbage. It keeps fine; had it in fine condition until May, and made lots of money on it. Keep me ten pounds for my spring order; have made up a club among my neighbors for it."

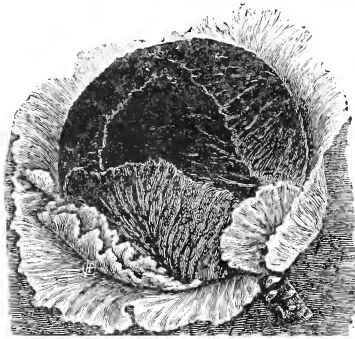
LEWIS SELZER, Pittsburgh, Pa.



CHAMPION'S LATE FLAT DUTCH

Moore's Famous American Grown Cabbage Seed

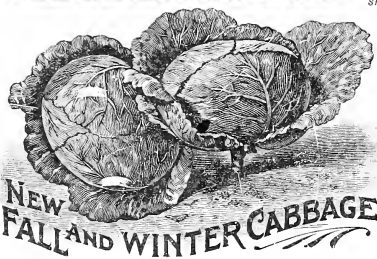
CHINESE LETTUCE CABBAGE (Genuine Wong-uga-paak strain.)



Be careful to plant no other type. Market gardeners who are planting our type of Chinese cabbage are finding a ready sale for it at big prices wherever offered, either in crates or car lots. Have rows two feet apart and plants one foot apart in the rows. For Autumn sales commence sowing seed about June 1st, continue at intervals up to August 1st; requires about ten weeks to mature crop. Give rich soil and abundance of water. Can be prepared for the table same as other cabbage, or it can be eaten like Asparagus, Cauliflower, Kale, Lettuce or ribs of Asparagus beet. While growing its general appearance is very similar to our Romaine Celery Lettuce. Be sure to plant it, the demand is rapidly growing. **Pkt. 10c, 3 pkts. 25c., oz. 35c., 1/4 lb. \$1.00, lb. \$3.50.**

MOORE'S DANISH "ROUNDHEAD" CABBAGE.

An Earlier Shorter Stemmed Type of the Famous Royal Danish "Ball-head." Of more robust growth, the heads are heavier and of equally fine quality. The original Royal Danish Ball-head Cabbage (introduced by us many years ago) is esteemed for the extreme solidity and great weight of the heads as well as for its superior keeping qualities, but it can be grown most successfully only in a comparatively cool location. Danish Roundhead has less outer foliage and is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. **Crop short. Pkt. 10c., 3 pkts. 25c., oz. 35c., 1/4 lb. \$1.00, lb. \$3.75.**



MOORE'S ALLHEAD EARLY CABBAGE.

Moore's Allhead is the earliest of all large cabbage, and considerably larger than any other early summer cabbage that is equally as early. The deep flat heads are remarkably solid and the most uniform in color, form and size of any variety. The hard heads grow so free from spreading leaves that fully one thousand more heads than usually with large cabbage can be obtained to the acre. It is really an all-the-year-round cabbage, being equally good for winter. Allhead early is considered by many the best second-early cabbage—and we know all varieties. If planters everywhere only knew the excellence of Moore's Allhead Early Cabbage, even our large supply of seed would not suffice to meet the demand. *It is undoubtedly altogether unequalled in many sections as an early summer cabbage, and is fully as good for winter use, when really an all-the-year-round cabbage.* Our claims as to the merits of the Allhead have been fully sustained by reports from planters everywhere. The small illustration herewith of a single head was engraved accurately from a photograph. **Pkt. 10c., oz. 35c., 1/4 lb. \$1.00, lb. \$3.50, postpaid.**

Plant Our Frost-Proof Hardy Cabbage Plants And You Will Double Your Cabbage Profits

We have these plants grown especially on the Atlantic Coast where the soil and climatic conditions are just suited for growing tough, hardy cabbage plants during the Winter and early Spring. The seed is planted in the open in the months of October, November, December, January and February, and when about eight to ten weeks of age they are very tough and hardy. When in this condition they can be shipped to territory further north and planted in the open ground a month to six weeks sooner than the home-grown hot bed or cold frame plants. These **FROST-PROOF HARDY CABBAGE PLANTS** will stand a temperature of 8 to 10 degrees above zero without injury, the land freezing, or the plants being covered with ice, sleet or snow after they are planted will not hurt them.

The top of the plant does not grow until your regular Spring weather opens up, but the roots grow from the time they are planted and just as soon as Spring weather starts, the plants grow very fast, maturing before the cabbage test days to three weeks sooner than you can mature them from hot bed and cold frame plants. You know what the difference in profit will be.

TO GET THE ADVANTAGE OF THESE FROST-PROOF CABBAGE PLANTS THEY MUST BE PLANTED A MONTH OR SIX WEEKS EARLIER THAN YOU WOULD PLANT HOME-GROWN PLANTS.

Our cabbage plants are shipped direct from our big fields in North Carolina by mail or express. We can fill orders from December 1st to April 15th. We guarantee safe delivery and in good order.

The plants may be somewhat wilted and have a hard, stunted appearance. Regardless of appearance, however, they will produce the crop results.

We offer the following varieties: Early Beauty, Jersey Wakefield, Large Early Oxheart, Charleston Wakefield, Model Summer, Succession, Early Flat Dutch and Early Drumhead.

Prices by parcel post, postage paid, 40c. per 100 strong plants to all places in the postal union. On larger quantities the prices are as follows:

GROUP 1—Georgia, North Carolina and South Carolina: **500 strong plants for \$1.45; 1,000 or more at \$1.50 per 1,000, postpaid.**

GROUP 2—Alabama, Delaware, Florida, Kentucky, New Jersey, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and Mississippi: **500 strong plants for \$1.25; 1,000 or more at \$2.25 per 1,000, postpaid.**

GROUP 3—Arkansas, Connecticut, Illinois, Indiana, Iowa, Louisiana, Massachusetts, Michigan, Missouri, New Hampshire, New York, Oklahoma, Rhode Island, Vermont and Wisconsin: **500 strong plants for \$1.45; 1,000 or more at \$2.50 per 1,000, postpaid.**

GROUP 4—Kansas, Minnesota, Nebraska, South Dakota and Texas: **500 strong plants for \$1.60; 1,000 or more at \$2.50 per 1,000, postpaid.**

GROUP 5—To all States not listed in other groups, also Canada, Cuba and Mexico: **500 strong plants for \$1.80; 1,000 or more at \$2.25 per 1,000, postpaid.**

Prices by express, buyer paying charges, which under special rates are very low: **500 for \$1.00. In lots of 1,000 to 4,000 at \$1.50 per 1,000; 5,000 to 8,000 at \$1.35 per 1,000. In lots of 10,000 or over at \$1.25 per 1,000.**

Plants are packed for parcel post shipment either 100, 200, 300, 400, 500 or 1,000 plants to package. For express shipment, 500, 1,000 or 2,000 plants to package. Order in these quantities. Don't order odd lots. They weigh about 25 pounds per thousand plants packed for shipment.

Terms Cash with Order. No plants shipped C. O. D. We advise that you have all shipments of two thousand plants or less sent by parcel post. They make quicker time, are delivered by the mail carrier, and save you the time of going to the express office for the shipment. On larger lots inquire of your express agent what the charges will be. To a great many points the parcel post rates are as low or lower than the express rates. When rates are near the same always order by parcel post, as time and service are better.

CARROTS

German, *Möhre*.—French, *Carotte*.—Spanish, *Zanahoria*.

One ounce of carrot seed will sow a row about 100 feet long; four pounds will sow an acre.

—We have exercised the greatest possible care in selecting the best varieties of carrots, and the careful manner in which the seed has been saved will insure our customers purity of strain and the most satisfactory results from sowing our carrot seed.

FRENCH RED FORCING. An excellent dark red coreless variety after being fit to pull. Its remarkably rapid growth and very small top render it one of the best and most profitable sort for sowing under glass during the autumn or early spring. Can be allowed to remain quite thick in the ground. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 25c.

OX-HEART, or QUEENADE. It is intermediate as to length between the half long varieties (such as Danvers) and the Short Horn Carrot, but much thicker than the latter, attaining at the top from three to four inches in diameter. It is a very fine quality for the table. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

AMERICAN LUC HALF LONG. The color of this valuable new sort is a rich shade of orange-red, and in shape and size midway between the Early Scarlet Horn and Long Orange. Top small, considering the size of the roots, which are smooth, straight and free from roughness; is early; without core, very tender and sweet. Admirably adapted to either glass or open-ground culture; excellent for early or late. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$2.00.

NEW PERFECTION RUBICON, or MODEL CARROT. In this new variety we have an entirely new and distinct American carrot; very symmetrical in shape and of a beautiful, deep golden orange color. The stock is so finely bred, and the carrots have attained such uniform shape, that they are almost exact duplicates of each other. It is earlier than the Danvers; the leaves are one-third shorter; fewer and finer than this well-known sort. It is an excellent sort for growing under glass or outside, at any season of the year. It grows without neck; the crown is hollow; and it grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Its table qualities are unequalled, while its yield is enormous. Neither does it crack open like many other sorts. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

CHANTENAY. They are a little longer than the Short Horn, being thicker at the shoulder, hence more productive. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

LONG NASTUR STUMP ROOTED. For second early or late; very uniform; handsome shape and color. Our customers will find this a very fine type of carrot. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

AMERICAN RED ALTRINGHAM. A handsome cylindrical-shaped carrot of good size. It is of a rich, dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed, that under good cultivation, it will yield the greatest weight per acre with the smallest length of root of any now grown. For sowing in the autumn, under glass, it has no equal. (See cut.) Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

DANVERS POINTED. A most excellent variety for either field or garden culture; large, symmetrical roots of a deep orange red; in size between the Half Long and Long Orange varieties. They are smooth and straight, and free from roughness. The tops are small, considering the size of the roots. It will be found superior to the Danvers Stump Rooted variety as a market sort, and much more productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

MOORE'S LONG ORANGE. We have the finest type of this valuable sort of the season in America. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.35.

IMPROVED DANVERS HALF LONG. (Extra Stock.) Very smooth and fine in texture and easily dug. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

LONG RED SURREY. A great improvement on the various types of Long Orange Carrot obtained by a careful selection for successive years of the best-formed and deepest-colored roots; it is larger, better flavored, of a deeper orange color, and more certain to produce a crop than any type of long carrot; flesh very sweet and tender; very productive, and never becomes hard or woody at the heart. The roots grow very regular and smooth; they are of good size, being from six to eight inches in length and two inches in diameter at the top, tapering gradually from the shoulder to the tip of the root. In color, shape or size this is the ideal sort for a market gardeners' late crop. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Moore's Coreless Carrot

One of the Finest Early Table Varieties Grown. Handsome, Melt-ingly Tender and Sweet

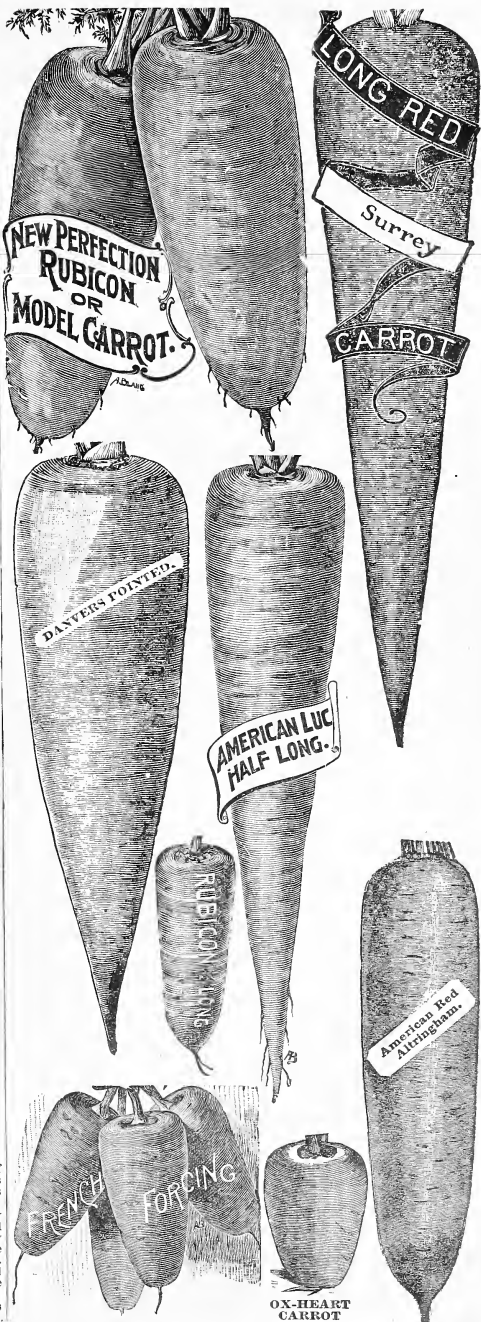
This new Carrot, recently introduced by us, has proven one of the most universally popular varieties ever sent out. Many who never liked carrots before are delighted with the melting tenderness and deliciously sweet, mild flavor of Moore's Coreless. It is a half-long cylindrical Carrot, blunt-pointed, with a small tap-root, small top and remarkably quick growing. They run very uniform in shape and size, 5 to 6 inches long, by $1\frac{1}{2}$ inches through; clean skinned, smooth, easily pulled and keep well. The flesh is of fine texture, entirely devoid of stringiness, coarseness and woody heart or core. The color of the flesh is a beautiful rich red-orange, so attractive when served. Moore's Coreless excels all other half-long carrots in earliness without being inferior to them in productiveness. Excellent for forcing under glass. A beauty for the home garden. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$2.75.

CARROTS FOR STOCK

Carrots are excellent and highly profitable for feeding to all kinds of stock. Horses and cows relish them and fatten on one feed of carrots daily. The yield is so heavy that an acre will keep your horses and cows fat and healthy all winter.

MOORE'S LARGE RED BELGIAN. This new variety is undoubtedly the best of all sorts for feeding stock. This attains the largest size and will yield more in bulk and keep better than any other sort grown. Uniformly smooth in form; they are easily harvested. The color is red below the ground and light green above; flesh rich, red, solid, crisp, and nutritious. It has yielded as high as twenty and a half tons per acre, is adapted to all soils, and we predict that it will soon become a general favorite as a cattle carrot. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

WHITTE VOSGES. This is a field carrot, and especially suitable for soils that are not very deep. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.



CAULIFLOWER

Ger., Blumen-Kohl. Fr., Choufleur. Span., Coliflor.
1 oz. will produce about 1,000 plants.

Any soil that will grow Cabbage, will grow Cauliflower, as their requirements are almost similar, but as the product is more valuable, extra maturing and preparation of the soil will be well repaid.

The seed may be sown in September and wintered over in the same manner as described for early Cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot bed in January or February, and transplanting the plants at two or three inches apart in boxes or in the soil of another hot bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by planting out too early. For second early and late crop sow at same date as given in the directions for Cabbage crop.



Italian Giant Early Surehead Cauliflower

Those who have never succeeded before, should grow our Italian

Giant Early Surehead. *IT HEADS* when others fail. Thousands pronounce it the **BEST** Early Cauliflower for Early or Late Crops, for the Market Garden, Private Garden, Green House Forcing or Cold Frames.

Italian Giant Early Surehead. This is the very best early Cauliflower in cultivation, either for forcing under glass or out-door planting. It is remarkable for its extra earliness and certainty to produce fine, large, handsome, pure white, compact, heavy heads of finest quality. Many heads often measure twelve inches in diameter. It is the earliest of all Cauliflowers, and is becoming the standard early everywhere. Whoever essays to grow this most delicious vegetable, either for home use or market, should plant this variety. Of dwarf, compact habit and short leaves; enables it to be planted very close—less than two feet apart each way. This sort has given the very finest results wherever planted, for a late crop. One grower, of twenty-nine years' experience, says he has "gotten fifty per cent. better satisfaction from it than from any other advertised early sorts." Pkt. 25c., double pkt. 50c., $\frac{1}{2}$ oz. \$1.00, oz. \$2.00, $\frac{1}{4}$ lb. \$13.00.

Moore's Earliest Perfection. A new very early type highly recommended for growing in frames or open ground. Extremely early and of the most delicious quality. Pkt. 25c., $\frac{1}{2}$ oz. \$2.00, oz. \$7.50.

Selected Early Dwarf Erfurt. One of the earliest, small-leaved dwarf, for open ground, producing pure white heads of fine quality. Pkt. 10c., $\frac{1}{2}$ oz. 75c., oz. \$2.50, $\frac{1}{4}$ lb. \$7.50, lb. \$28.00.

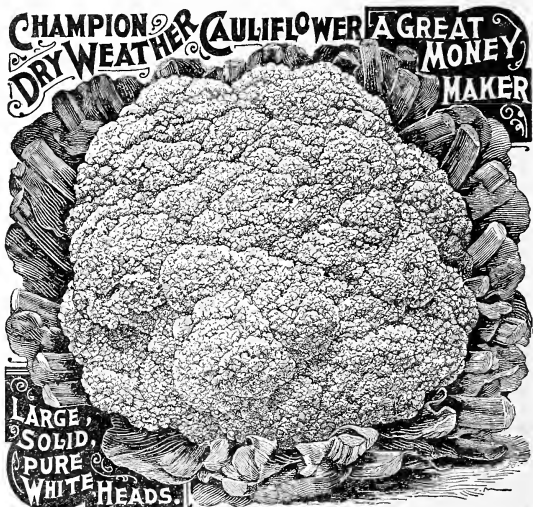
IMPROVED EARLY SNOW-BALL. Extra quality. A really fine variety generally. Sure to head. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00, oz. \$3.50.

Champion Dry Weather Cauliflower

This is an entirely new and valuable type of cauliflower, producing large, solid, heavy, pure white heads a few days later than our famous Italian Giant Early Surehead.

On account of it being very deep rooted, which insures abundance of moisture, and having unusually large leaves which furnish greater protection to the heads, this sort is found to head perfectly in dry or warm weather. In localities subject to excessive dryness, this variety has produced beautiful large, heavy, tender heads when all other sorts failed. It will thrive anywhere in the United States or Canada. Many of our customers in Texas, Arizona, Oklahoma and New Mexico write that heads of the finest quality, weighing from 10 to 15 pounds, are not uncommon with them. By the use of our new Dry Weather Cauliflower and our Italian Giant Early Surehead, this delicious vegetable can be had at any season of the year. We may also say it is a grand good sort to plant for first early; it thrives even better on rich, moist soils. In growing any kind of cauliflower it is essential that the ground be well enriched and well cultivated during the growing season. Don't fail to give it a trial, it will surely please you. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$3.50, $\frac{1}{4}$ lb. \$10.50.

There are many other varieties, but in our experience they are of no practical value.



Celeriac, or Turnip-Rooted Celery

Fr., Celeri-rave. Ger., Knobkelleri. Span. Apio raíz de Nabo.

One ounce will produce about 2,000 plants. Produces turnip-shaped roots which may be cooked and sliced and used as excellent salad.



NE PLUS ULTRA. The best market sort. Very large and smooth globular-shaped roots. By far the best and most profitable sort to grow for home use or market. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

APPLE SHAPED. Small size. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

FRAGUE. Large and smooth. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Ne Plus Ultra Celeriac.

Celery Plants

We have in season strong plants of all our leading varieties. Prices upon application.

CARDON. The mid-ribs of the leaves are blanched in the same manner as celery. **LARGE SPANISH.** The best variety. Pkt. 10c., oz. 40c.

Chickory, Mammoth Brussels.

Very large ribs and stalks. The roots when grown in trenches and forced in darkness produce the highly esteemed blanched salad known in Paris as "Barbe de Capucin." Cultivation same as for carrot. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Chervil, Italian Curled. The young leaves are used in soups or salads. Sow in drills half an inch deep one foot apart. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Collards

True Georgia Short Stem. Cultivation same as cabbage. It has very short stem, large spreading leaves, very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best, and it has unquestionably proved itself superior to any other collard in cultivation. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.00.

Corn Salad—Fetticus, or Lamb's Lettuce

German, Lammersalat.

French, Moche.

Large-Seeded Italian Broad-Leaved. (True.) The best and most productive variety for family use and market purposes, and deserving of more wide-spread cultivation. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

THE WORLD'S BEST CELERIES

Can be had only from Moore's Seed Co. It will pay you to always get the best.

CELERY

German—*Sellerie.* French—*Celero.*
Spanish—*Apis.*

1 oz. will produce about 3,000 plants.

Celery Culture.

Celery can be successfully grown with but little labor in any good garden soil, by using plenty of well-rotted manure with a liberal sprinkling of coarse salt

worked into it, and this mixture should be put into the trenches, working it well into the soil.

Growing the Plants.

At the seed germinates. After coming up, the plants should be partially shaded for a week or ten days, and see that the soil does not get too dry. When two inches high, thin and transplant to three inches apart. To insure good "stocky" plants, the tops should be cut back to within, say, two inches of the crown, when about four inches high.

Transplanting.

The evening is the best time, and especially if after a shower; otherwise give them a good watering and you will lose but very few plants. Remember that it is essential that the soil be pressed firmly about each plant when set out, especially if done in a dry time; the old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow trench, only three or four inches deep. These trenches should be at least three feet apart for the dwarf, and not less than four feet for the larger sorts; set plants in single rows not over six inches apart in the trench. Transplanting is done about the middle of June for the first early, and as late as the middle of August for the latest. Keep well cultivated, and in about six weeks "handling" should begin (never do this when wet from rain or dew). This is done to make the celery grow upright. The soil is drawn to the row from each side with an ordinary hoe. Now take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as it is necessary to keep the leaves in this upright position, more soil should be drawn to the row.

FREE Celery for Profit or Home Use.

A well illustrated book of 150 pages, being an exposé of modern methods in growing celery. Methods by which the cost of production of first quality celery is very materially reduced are exhaustively described and fully explained. This work should be in the hands of every celery grower. We will send it free to all who order celery and other seed to the amount of \$5.00.

Moore's

Selected Boston Mammoth White Plume

The purest and best White Plume Celery in the world. This is an entirely new strain, having originated with a highly successful market gardener near Boston, who sent it to us early in the season. It has now been in our possession for nearly ten years, and we have improved it remarkably by the most careful re-selection every year. It is remarkable for its robust size, as it grows unusually tall and thick, while the number of hearts it produces is simply astonishing. It is no less remarkable for its long-keeping qualities, it being no unusual thing for it to remain in perfect condition as late as March 20th. It is a very rapid grower, "whitens up" earlier, and is ready for market sooner than the old sort. It may be truthfully said to be a *Silver Self-Blanching* White Plume. The ribs are thick, long, straight, remarkably tender, crisp and rich flavored, and possess a beautiful pearly-white color, hitherto unknown to White Plume. This stock is also absolutely pure, contains no green whatever and will surely give extra satisfaction to all, as it is the finest type of White Plume Celery in the world for either home use or market. Market gardeners who plant it once, plant it always. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Moore's New Giant White Arrezzo Celery.

We unhesitatingly pronounce this the best and most profitable of all celeries for winter use. It is of unusually vigorous, sturdy growth, making immensely thick and heavy stalks and large heavy hearts, all remaining a beautiful light green until blanched by earthing up or being stored for winter. It branches to a clear white, when the stalks are extremely brittle, entirely stringless and exceedingly crisp and possessing flavor surpassingly rich and nutty. Any market gardener who wishes the best and most profitable winter celery he can get will find it in our

Moore's New Giant White Arrezzo. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

500,000 BOSTON MAMMOTH WHITE PLUME CELERY PLANTS

October 1, 1912. Please send no four (4) pounds of your Boston Mammoth White Plume Celery Seed for my 1913 crop. Your strain is the best I ever saw for my 24 years' experience as a market gardener. I always find ready sale for it above the market price, on account of its superior quality and fine appearance. I rarely sell less than 500,000 plants of this variety every year to my neighboring truckers. They will have no other.—F. B. SHERKEL, Pulla, Pa.

Improved White Plume.

Extra selected stock. Our strain is remarkable for its fine keeping qualities, and much superior to that offered in previous years. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

New Silver Self-Blanching Celery.

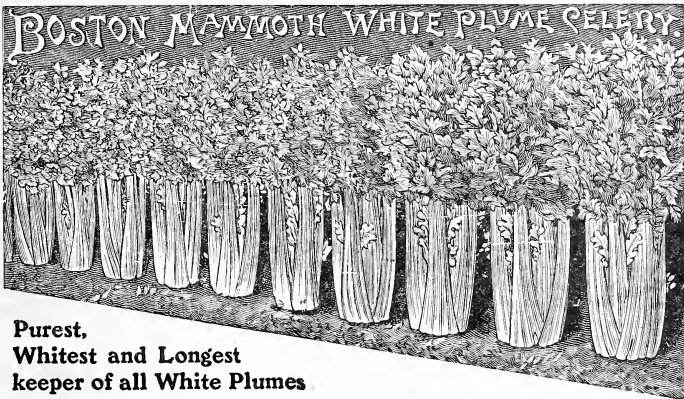
Combines the grand quality celeries grown. The sturdy, solid habit of our Golden Self-Blanching; the exquisite color and earliness of our Boston Mammoth White Plume, and delightfully rich flavor of our Sweet Nut. This grand new celery is easily described as a Golden Self-Blanching plant with White Plume coloring. It possesses the roughest, sturdy, compact habit of Golden Self-Blanching, the stalks being even thicker, more solid and heavy, with immense solid hearts and all brittle, crisp and tender, free from string or pithiness, and of delightfully rich flavor. The foliage is tipped and variegated with white, while the heart, inner stalks and leaves are naturally white. It may be easily and quickly blanched by leaving boards on either side of the row. Its extreme earliness renders it valuable celery for the market gardener. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

200,000 PLANTS

Get these—It may interest you to know that I have for the past four years cultivated annually over 200,000 plants of your Moore's New Giant White Arrezzo Celery. I find your strain absolutely pure, so mixture whatever to my risk. While it branches early and early, it is also an excellent long keeper. Moreover, it is the most beautiful large white stalks and numerous hearts I ever saw, and I have been cultivating celery for more than twenty years.—AMER. LUTHER, La Porte, Indiana.

Easy Blanching Celery.

A distinct and valuable new celery, very quick and easy to blanch. A sure and longer keeper after being blanched than any other sort. The thick solid stalks are tender, spicy and very attractive in appearance. Vigorous growth and a fine winter keeper. Pkt. 15c., oz. \$1.50, $\frac{1}{4}$ lb. \$5.50, lb. \$20.00.



IMPROVED GIANT PASCAL. Very select stock, good for market or family use. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$6.00.
SOUP CELERY SEED. For flavoring. Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 50c.

THOUSANDS OF MARKET GARDENERS

AND PRIVATE FAMILIES THROUGHOUT THE UNITED STATES ACKNOWLEDGE OUR CELERIES TO BE THE FINEST IN EXISTENCE, AND USE NO OTHER

....California Mammoth Solid Golden Self-Blanching Celery....

Moore's Selected Strain

The Purest and Best Seed Ever Offered

Those Who Plant It Always Get Satisfaction

Our strain of this is acknowledged to be the finest and purest in existence, and far superior to any other. The stalks grow much thicker and taller and more solid than the old sort, and are of a more beautiful and a richer waxy golden-yellow color. Very solid and of a delicious nutty flavor. The beautiful appearance of this strain, which is of strong, vigorous habit, is well shown in the illustration. Our strain contains

Pkt. \$0.25
Oz. 1.50

M. & S.
MATCHLESS
GIANT
PERFECTION
LONG-KEEPING
GOLDEN
HEART.

A variety of rare merit. The most desirable type of Golden Heart Celery known to the trade; remarkable for its many long, broad, thick ribs and numerous "inside hearts" of the finest golden color. This variety blanches easily, keeps remarkably long in perfect condition. The ribs are unusually solid, firm, crisp, tender and beautiful in appearance. This variety has been produced by careful crossing and high culture between the Dwarf Golden Heart and our White Walnut, by one of the best celery growers in this country. In quality, appearance and size, this leaves nothing to be desired. We can recommend it as one of the best late varieties for the market gardener, while its fine flavor and beautiful appearance make it very desirable for private use as well as the market gardener. It is very hardy and is held in high esteem among our home gardeners. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50. No market gardener should be without it.



THIS
IS
THE
BEST
KEEPING
CELERY
WE
KNOW
OF.

M. & S. WHITE
WALNUT
CELERY

This is the earliest and best strain of large, white, solid celery yet introduced, and a most imposing variety. It attains a very large size, is of quick growth, stiff, close habit, remarkably solid, blanches perfectly white. Stems very solid, crisp and sweet, with a superbly fine, crisp, nutty flavor. From the illustration, engraved direct from a photograph of a plant grown under ordinary cultivation, it will be obvious that, apart from its superiority for table use, this celery is indispensable for exhibition purposes. An excellent keeper. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



abundance of hearts or inside shoots, is always solid; pitily or spongy stalks are unknown. No strain can surpass it, and ours will give the highest satisfaction to all who grow it. An excellent keeper. Pkt. 25c., oz. \$1.50.

Large planters should write us for price, stating quantity wanted.

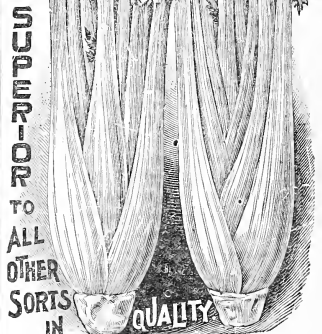
GOLDEN SELF-BLANCHING CELERY. Imported seed, same strain as offered by other leading seedsmen. Pkt. 20c., oz. \$1.00, $\frac{1}{4}$ lb. \$3.50, lb. \$12.00.



NEW BROAD RIBBED

OR
SWEET
NUT
CELERY.

THE MOST
VALUABLE CELERY
EVER
INTRODUCED.



It has the finest appearance of all celeries. It is the sweetest, crispest, tenderest, finest flavored and most solid of all celeries. No other sort equals it in these valuable qualities. Again, it will not burn down in hot, dry weather. This is a highly valuable and important feature, as all celery growers well know, and a claim that cannot be made for any other sort. It is a strong, vigorous grower, distinct and handsome in appearance, of an exquisitely beautiful cream white color throughout. Its keeping qualities are second to none. Edible almost to top of the stems. We commend it to the private planter, who requires the highest quality, and to the market gardener, whose aim it is to obtain the highest price for his products. Excellent for early or late use. Blanches almost as freely as our famous Boston White Plume. Pkt. 15c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

OF PRICELESS VALUE



Moore's First Early

TO MARKET GARDENERS

It is just like coining good money to plant this corn. It is positively the earliest table corn ever introduced. Over 200 carloads of this corn were shipped to New York City alone last season. Big Profits await all who plant it.

Moore's First Early Table Corn. Every market gardener who wishes the earliest table corn of good quality he can get should not fail to plant this exceedingly valuable sort. In our Moore's First Early Corn we have a truly remarkable and profitable extra early variety. It is positively the earliest table corn ever introduced. It is the hardest of all varieties of corn, and cold, wet weather has little or no effect upon it. On account of its extreme hardness it can and should be planted from two to four weeks earlier than Crosby, Minnesota, Cory, Premo or other varieties of sugar corn. We particularly caution our market garden friends to plant it at least two weeks earlier than they usually do their earliest plantings of sugar corn, if they want secure all the advantages of this profitable extra early sort. Again, *don't fail to plant it early*. The stalks grow about five feet high, and *neverly always* have two, and sometimes three well developed ears from six to nine inches in length. Leaves small and few; will bear very close planting. Ground should be well fertilized to secure its wonderful productiveness. The grain is deep, pearly white, very tender, sweet and juicy, considering its extreme earliness. The ears mature very rapidly and care should be taken to pull the ears while young. It requires long and patient care, as well as the expenditure of much money, to develop this variety and we assure our market garden friends they can easily amass snug fortunes, if they will plant it liberally for large markets. Big profits await all who plant it early, and we advise our many thousands of market garden friends not to be afraid to plant plenty of it. It is a great money maker, and you cannot make it easier, better or quicker than by planting Moore's First Early Table Corn. It is ten days earlier than Cory; besides worms do not bother it. There is no other early sort half so good; no other early sort that will make you last the money. Pkt. 10c., qt. 30c., 4 qt. 60c., postpaid; by express or freight, pt. 20c., qt. 40c., 4 qts. \$1.00, pk. \$1.85, bu. \$6.50.

REAPED BIG PROFITS. JOHN SUFFERIN, Baltimore, Md., writes: "Myself and five of my neighbors sent you a club order last year for four bushels of your Moore's First Early Corn. We planted it, and it will let, commenced shipping it June 28th, and reaped big profits. The quality was fine. It is miles ahead of Cory, Premo, Adams or Burlington. Ears were remarkably large and perfect. You will note we took your advice about planting it early."

Hyde's Earliest Sugar

Our Hyde's Earliest is the best of all the extra early sugar varieties for market. The quality is delicious; the ears are large, from six to eight inches in length, holding ten to twelve rows of pearly white and unusually sweet grains. In earliness it follows immediately after our Moore's First Early. Fodder is about five feet high, many stalks yield two or more ears. It is a sure money maker for all who grow it for early market. It is also the best variety to plant for a late full crop. We cannot recommend it too highly to all our market garden friends who wish to have the best quality and earliest money-making sugar corn they can get. It is sure to please all who grow it or eat it. Pkt. 10c., qt. 30c., 4 qts. 95c., pk. \$1.75, bu. \$6.50.

Hickman's Extra Early Three-Eared

A remarkably valuable early variety for market, excellent quality, very productive, yielding from two to four beautiful long ears. Just think of it, three well developed ears of delicious sweet corn on one stalk! It is a splendid money maker for any market gardener. This, and our Moore's First Early and Hyde's Earliest will make big money and give big satisfaction to all who plant them either for home, market or shipping. Be sure to plant a peck or a bushel of each. It is the result of many years of careful selection to secure earliness combined with large size, productiveness and fine quality by one of the most successful large sugar corn growers in Gloucester County, N. J. It is sure to please all who plant it. It is sure to sell for fancy prices. The grain is deep and remains in "milk" a long time. Matures immediately after Hyde's Early. Pkt. 10c., qt. 20c., qt. 30c., 4 qts. 95c., pk. \$1.55, bu. \$7.00.

Seymour's Large Golden Bantam

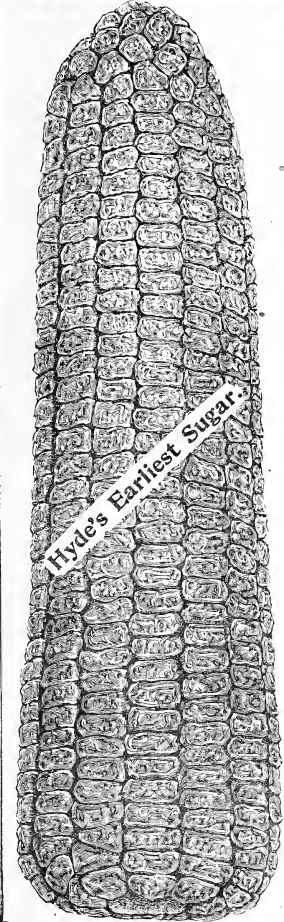
It is of strong growth, the stalks averaging six feet in height. The ears are from six to seven inches in length, often two to a stalk and of an unusually delicious sweetness, and average twelve rows. The grain when ready for use is a rich creamy yellow deepening to orange yellow as it ripens. It is the richest in flavor of all corns and entirely distinct from all white varieties. While it is especially recommended for the northern states it is desirable also for warmer locations, both as a first-early and for late plantings. Our selected strain, northern grown seed, and a big improvement on the old small-eared type of Golden Bantam. Pkt. 10c., qt. 20c., qt. 30c., 4 qts. 90c., pk. \$1.75.

EARLY MAMMOTH. Qt. 30c.,

pk. \$1.45, bu. \$5.50.

CROSBY'S GEM. Pkt. 10c.,

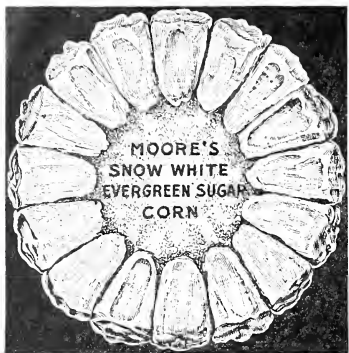
qt. 35c., pk. \$2.50, bu. \$9.50.



CROSBY'S EARLY. Qt. 30c., pk. \$3.00, bu. \$7.50.

MAMMOTH WHITE CORN. Qt. 30c., pk. \$5.50.

EARLY EVERGREEN. Qt. 30c., pk. \$2.00, bu. \$7.50.



Moore's New Snow White Evergreen Sugar.

This is without doubt the most valuable Sugar Corn introduced for many years past. It is white as chalk, white marble in color, very pure and clear. Those who have seen the holling ears say, "I never saw any as white." All the large, handsome ears are filled with very deep thin grains of pearly whiteness and sweeter than any Sugar Corn grown. To see it is to buy it.

The largest Sugar Corn Seed grower in the United States wrote us that there was NO BETTER strain of White Evergreen Corn grown than our Moore's Snow White.

Moore's New Snow White Evergreen

Should be planted by all

Market gardeners, canners and all lovers of good sugar corn who will find it to represent the highest ideal—white, sweet, tender, fine quality and productiveness. It is just the corn you have long been waiting for. Ears contain sixteen or more rows of beautiful and delicious deep grains. Two and occasionally three attractive large ears are produced on each stalk. Another valuable feature is the grains retain their tenderness and their sweetness longer than any other late sort. It is profit and satisfaction to all who plant it. It always brings fancy prices. Our seed is limited, and we hope our many thousands of customers will send their orders in early, as we wish every customer to have plenty of this wonderful variety. Generally speaking, those who come first are best served. Pkt. 10c., qt. 40c., pk. \$3.00.

Moore's Early Cosmopolitan

Fine second early. Ears 7 to 9 inches long, long deep narrow grain, similar to our Cooper's Early Shoe Peg. The grains are very sweet and tender, very heavy yielding, an excellent and very profitable market sort. Pkt. 10c., pt. 25c., qt. 40c., 4 qts. \$1.50.

Stowell's Evergreen. Pkt. 10c., qt. 30c., pk. \$2.25, bu. \$8.00.

New French Honey Sugar.

Pronounced by those who grow it, to be the most delicious sugar corn ever grown. It is a strong, vigorous grower and heavy yielding, with white grain of good size; it has 12 to 14 rows, and comes in after the earlier varieties. No stalk has less than two large ears. Just the sort for fine market trade, especially when sold direct to the consumer. Excellent sort for the family garden. We cannot say too much in its praise. Pkt. 10c., qt. 30c., pk. \$2.25.

Price's Perfection Early Sugar

One of the best second early varieties for market, excellent quality, very productive, yielding mostly two beautiful long ears per stalk. It is the result of many years of careful selection to secure earliness combined with large size, productiveness and fine quality. The grain is deep and remains in "milk" a long time. Pkt. 10c., qt. 30c., pk. \$2.00, bu. \$7.50.

Cooper's Large Early Shoe Peg

We have obtained this delicious sort from Mr. Thomas Cooper, Newport, R. I., who has grown quite wealthy by marketing it to the most critical buyers in Boston and New York. The productiveness of this sort is simply prodigious. When grown on good ground and well suckered, ears of 10 inches in length are often developed. The cob is very small, the grain deep and of rich flavor. Stalks bearing 4 ears are not uncommon. We cannot recommend this sort too highly to all our customers. The ears are just the right market size and is a "mint" for all who grow for summer hotel trade. Pkt. 10c., pt. 20c., qt. 45c., pk. \$3.50.

Moore's Late Concord, or Main Crop Sugar.

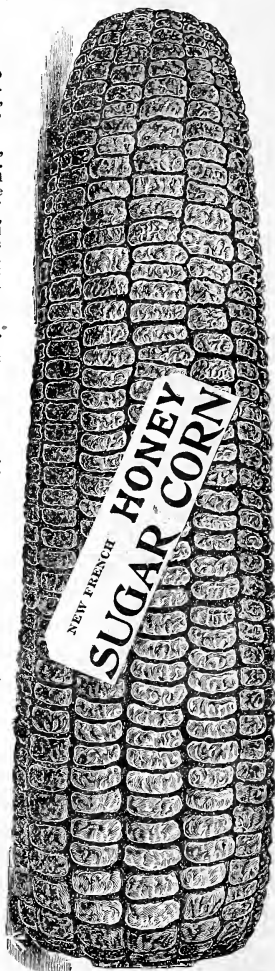
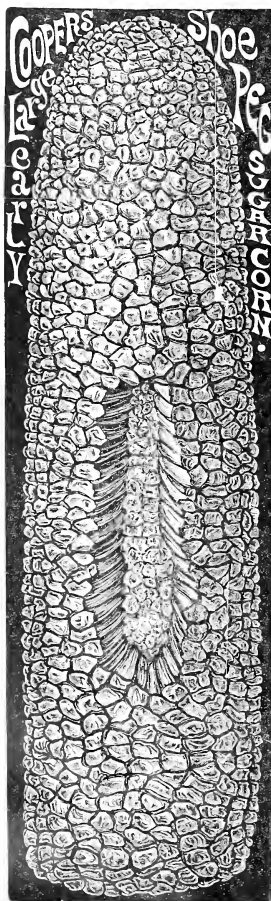
It is strictly an evergreen sort; in remaining long in edible condition it ranks with the best, and is admitted to be the most "everlastingly evergreen" of all sweet corn. The ears are of extra large size, mostly 2 to a stalk, grains deep, exceptionally tender and sugary, and have the advantage, as we said above, of remaining longer in the green state than any other. Our stock has been carefully grown and selected. Pkt. 10c., qt. 30c., 4 qts. \$1.00, pk. \$1.75, bu. \$6.50.

Sweet Corn for Fodder. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. Prices subject to market changes. Qt. 20c., pk. \$1.00, bu. \$3.50.

COUNTRY GENTLEMAN. Pkt. 10c., qt. 45c., pk. \$2.50, bu. \$9.50.

HYDE'S EGYPTIAN. (True.) Pkt. 10c., qt. 30c., pk. \$1.45, bu. \$6.50.

LATE MAMMOTH. Fine stock. Pkt. 10c., qt. 30c., pk. \$2.00, bu. \$7.50.

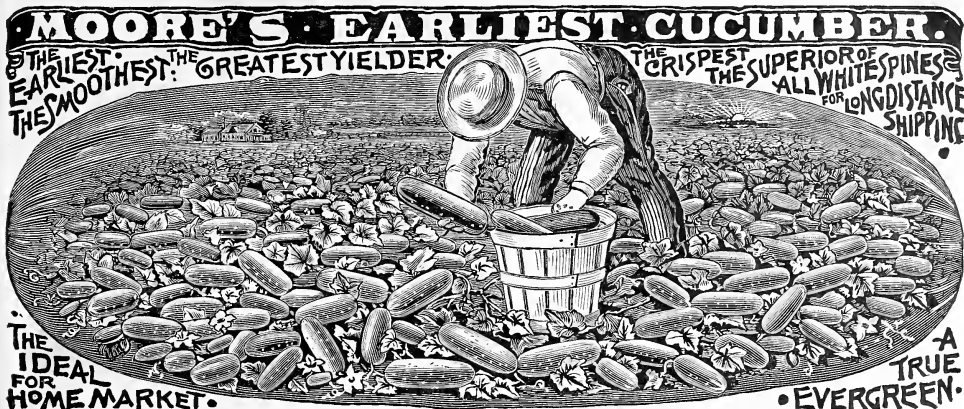


CUCUMBER

1 oz. for 60 hills; 2 to 3 lbs.
hills for an acre.

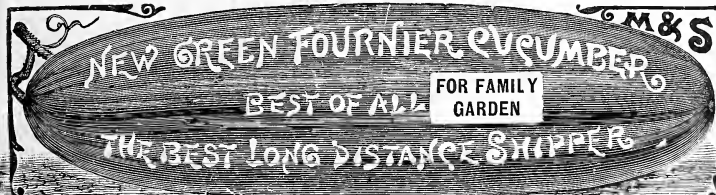
Cucumbers succeed best in warm, rich, sandy loam. They should not be planted in the open air until there is a prospect of settled warm weather—in the vicinity of Philadelphia about the middle of May; plant in hills about four feet apart each way. The hills should be previously prepared, by mixing with the soil of each a shovelful of well-rotted manure. Plant eight or ten seeds in each hill.

MOORE'S EARLIEST CUCUMBER
THE EARLIEST. THE SMOOTHEST. THE GREATEST YIELDER.
THE CRISPEST. THE SUPERIOR OF ALL WHITE SPINES FOR LONG DISTANCE SHIPPING.
A TRUE EVERGREEN.
THE IDEA FOR HOME MARKET.



Moore's Earliest. Remarkable and Highly Valuable Early Cucumber. Has yielded \$1,100.00 per acre. The superior and the best shipper of all White Spines. It is the variety that will return you the most money, no matter where you ship it. As an extra early White Spine Cucumber there is no strain equal to this. It is truly an evergreen, retaining its beautiful dark green color until fully ripe. It is a sport from our famous Green Fournier Cucumber. We have devoted a number of years to the careful selection of the finest specimens for seed purposes, and herewith offer it to our many thousands of customers. Color is dark olive green, white or light spines running from blossom end. It is the earliest and finest formed of all the strains, and the best for home market or shipping. It is smooth, tender, crisp, remains green on the vine and after picking. It is very hardy. We recommend this as the best strain of extra early white spine for the market gardener. It seems to be peculiarly adapted to both northern and southern soil and climate, always developing symmetrical fruit of a beautiful dark olive green color, from six to ten inches in length. At the same time it gives the earliest picking and the largest crop of any known variety. The vines are robust and very free from disease which is so devastating to many varieties. Indeed, the fact of its combining every good quality, its ready and quick sale in our market at double common sort prices, its fine appearance and its remarkable, astonishing productiveness led us to give it the name of **IDEAL**. We can heartily recommend same to all who desire a really matchless cucumber for shipping long distances, as it holds its beautiful dark green color longer than any white spine hitherto introduced. Our word for it: Every cucumber grower should plant it. It will yield more money to the acre than any other sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

NEW GREEN FOURNIER CUCUMBER
FOR FAMILY GARDEN
THE BEST LONG DISTANCE SHIPPER



New Green Fournier Cucumber

A new variety from France, of the highest merit, possessing that rich, dark green color which has been so long sought for but never before obtained. This is truly an evergreen, retaining its color until fully ripe. On sight, its distinct dark green color and smooth skin attracts the attention of every one interested. The fruit sets early and the vigorous vines abound in long, straight, handsome fruits of the most desirable qualities, the flesh being peculiarly crisp and tender, and the flavor delicate, highly and especially valuable to the local market.

recommend it as a slicer; the young fruit being dark green, straight and tender, makes an excellent pickle. It is especially valuable to the local market gardener and those who have home gardens. Every one who grows cucumbers will be delighted with it. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Paris Early Cluster Pickle

Is the most remarkable and valuable of all pickling cucumbers, and our illustration gives a very clear idea of its wonderful productiveness. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Fortune. White spine type; true stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Burrell's Klondike. A good type of white spine and a favorite with shippers. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

New California Gem. A beautiful long and symmetrical white spine. Very prolific and superb quality. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

MONTAGUE'S GREENHOUSE. A grand American variety for greenhouse culture, from 7 to 10 inches long.

New Matchless White Spine. Ours is the finest strain of this excellent sort. It is very hardy, early, remarkably prolific and attractive in appearance. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.25.

FEARLESS WHITE SPINE. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

EARLY GREEN PROLIFIC. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

IMPROVED LONG GREEN (Jersey Pickle). Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. 80c.

ARLINGTON WHITE SPINE. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

DAVIS WHITE SPINE. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

LONDON LONG GREEN. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

PARIS EARLY CLUSTER PICKLE.

YIELDS FROM 250 TO 400 BU. PER ACRE.

UNAPPROACHED IN QUALITY;
COLOR OR BRITTLINESS



Jersey Extra Early Prolific Pickle. It is ten days earlier than the old Jersey Pickle and more productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Westerfield Chicago Pickle. True stock; very good sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

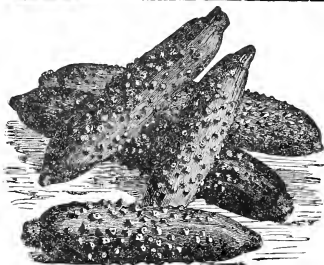
IT IS
THE
CUCUMBER
YOU
WANT
FOR
HOME
USE
OR
MARKET

M. & S. GLADIATOR SLICING CUCUMBER.



M. & S. GLADIATOR CUCUMBER

This cucumber is a season early or late variety from Germany and surpasses all others in beauty, delicious flavor, and size. It is a most prolific variety of this class. A single plant will often yield fifteen magnificent long, crisp cucumbers, from ten to fifteen inches in length. It is pre-eminently the finest sort grown for slicing, being very brittle and crisp in all stages of growth. It is of a beautiful clear dark green color, very even and smooth and straight, does not turn yellow quickly. Good for early or late, of vigorous growth, withstanding drought well. The green cucumbers are fit to eat at any stage, the flesh is *entirely white, very clear, peculiarly crisp, tender and brittle, with very few seeds, and free from the obnoxious "green cucumber taste."* It is like wise a grand sort for "sailing" or pickling and will always sell at any similar sort. Pkt. 10c., oz. 15c., ½ lb. 45c., 1 lb. \$1.50.



English Pickling



English Forcing Cucumber, Duke of Bedford

ENGLISH FORCING OR FRAME VARIETIES

These produce remarkably long and very solid fruits, with few and small seeds. Our seed is from the best English strains.

Duke of Bedford. Handsome, black-spined fruits, frequently 2 feet long. Pkt. 25c.

Cuthill's Black Spine. A prolific variety of medium size. Pkt. 20c.

Duke of Edinburgh. Large, thick, dull green fruits, often 30 inches long. Pkt. 20c.

Lockie's Perfection. Very uniform; color, beautiful green. Pkt. 25c.

Lord Kenyon's Favorite. A great favorite, uniform in size and perfect in shape. Pkt. 45c.

Telegraph. Clear, green, smooth fruits, 14 to 16 inches long; free bearer. Pkt. 20c.

ENGLISH PICKLING

This entirely distinct cucumber is, as its name implies, of English origin, and yields beautiful miniature pickles. They are preferably picked when quite young and small, in order to preserve their peculiar appearance, as they become smoother when approaching maturity. They are deep green in color, very prickly, with flesh that is always firm and brittle. The vines are excessively productive, being covered with the curious little fruits, make delicious sweet pickles. Don't fail to try them. Pkt. 10c., oz. 25c., ¼ lb. 60c., ½ lb. \$2.00.

WEST INDIA GHERKINS

A very small, oval, prickly sort, distinct from all others. It is grown for pickles only, for which purpose it is held in high favor. It is the smallest of all cucumbers and should be pickled when young. Pkt. 5c., oz. 25c., ¼ lb. 60c.

QUEEN'S GOLDEN CUCUMBER, A NOVELTY OF MERIT

New, extensively grown in China and held in great esteem by the wealthy there, owing to its many delicious qualities. It is usually boiled before being pickled, spiced, sliced or salted. It is a beautiful yellow color, large size, productive and hardy; we obtained our seed direct from China. We hope every one of our customers having a garden will give it a trial. Pkt. 10c., oz. 20c., ¼ lb. 60c.

BOSTON MARKET OR PRIZE-TAKER

A hybrid between White Spine and English Prize; of large size and excellent for market gardeners or family use. Immensely productive, fine pickling variety. In length it is medium between the White Spine and Long Green; very thick through and full at both ends, presenting a beautiful type. An excellent market sort. Pkt. 5c., oz. 10c., ¼ lb. 25c., ½ lb. \$1.00.

LONG GREEN TURKEY. Pkt. 5c., oz. 10c., ¼ lb. 25c., ½ lb. 80c.

JAPANESE CLIMBING CUCUMBER. The vines are of healthy, vigorous growth, with rich, dark-green foliage, and throw out strong, grasping tendrils, which enable it to climb a trellis, wire netting, brush, or any other suitable support. It bears abundantly throughout the season, while the climbing habit enables the hanging fruit to grow perfectly straight; the cucumbers are thick, tender, and of delicate flavor; when young make attractive pickles. Pkt. 5c., oz. 10c., ¼ lb. 25c., ½ lb. 80c.

NEW GIANT WHITE CUCUMBER. The flesh is very solid, pure white, with exceptionally few seeds, and is exceedingly crisp, of most superior flavor. Pkt. 10c., oz. 25c., ¼ lb. 75c.

SERPENT, or SNAKE CUCUMBER. A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake with the head protruding, and sometimes are five feet in length. Pkt. 5c.

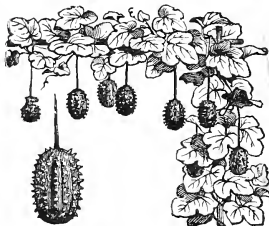
DANDELION

The Dandelion resembles Endive and is sometimes cultivated for spring greens, or for blanching for salad, also a valuable remedy for diabetes.

THICK-LEAVED, or CABBAGING. An improved thick-leaved variety, double the size of the common dandelion. The only sort worth planting. Very profitable to grow for market. Pkt. 10c., oz. 50c., ¼ lb. \$1.25, ½ lb. \$1.50.

FENNEL

CELERY-ROOTED FENNEL. Cultivated same as parsley. Thickened part of the root should be covered with soil, similar to celery. Pkt. 10c., 3 pkts. 25c., oz. 50c.



West India Gherkins



CRESS, or PEPPER GRASS

Extra Curled. Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact. Pkt. 5c., oz. 10c., ¼ lb. 20c., ½ lb. 60c.

Upland. The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils, and is slow in running to seed. Pkt. 10c., oz. 50c., ¼ lb. \$1.50.

WATER CRESS. Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water-covered soil. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, ½ lb. \$3.50.

German, *Aberlane*.

EGG PLANT

Spanish, *Berenjena*.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot beds or warm greenhouse in March or April, and when about an inch high, pot in two-inch pots. Plant out about June 1st, and two and a half feet apart. If no hot bed is at hand, they can be grown in any light room where the temperature will average seventy-five degrees.

NEW EGG PLANT

MOORE'S EARLY BLACK BEAUTY

SMOOTH
STEM
LARGE
SIZE

WINTER
OUT
SELLS
ALL OTHERS

MOORE'S EARLY BLACK BEAUTY. This is the king of Egg Plants, especially to those who grow for market. It is no less valuable to those who grow for their own table. This is the result of years of careful selection from our well-known Large Early Fekin, which has given such universal satisfaction to the many thousands who have grown it. Moore's Early Black Beauty is absolutely the earliest, most productive and best selling large fruited Egg Plant grown. The skin is of a beautiful deep lustrous black color and does not turn yellow in transit; flesh very white, tender, and of superior quality. The entire plant is spineless, of very thrifty growth, with no disposition to blight like the older sorts. All very desirable for shipping. Market gardeners and shippers will find this variety the very best in cultivation. The best variety for Florida planters. Pkt. 10c, 3 pkts. 25c, oz. 45c, ¼ lb. \$1.25, lb. \$4.50.

EARLY PURPLE TOKIO. (New.) This grand new sort is from 5 to 8 days earlier than any other large fruited sort. This is a highly valuable feature, besides it is the most productive sort we ever saw. Each plant will yield from 15 to 20 beautiful large fruits a season. It will thrive anywhere an egg plant will grow, and it is being more extensively grown every year. Hundreds of our most critical growers prefer it even to our famous Moore's Early Black Beauty. Fruit round, of a handsome purplish black; very few seeds; early; enormously productive and superior quality. We believe it to be the ideal sort for the home garden and market grower. A good keeper and the best long distance shipper we know of. Pkt. 10c, 3 pkts. 25c, oz. 50c, ¼ lb. 75c, lb. \$2.50.

NEW YORK IMPROVED LARGE PURPLE. We have a very fine selected strain of this sort without spines. Pkt. 10c, oz. 35c, 2 oz. 75c, ¼ lb. \$1.10, lb. \$4.00.

MARSHALL'S NEW HIGH BUSH. (New.) The hot sun does not blight the blossom, as is the case with some other sorts. It resists drought and bad weather to a wonderful degree, partly on account of its strong, upright growth. It bears its eggs or fruit sometimes two to four feet above the ground, thus escaping liability to rot. Large size and good quality. Pkt. 10c, oz. 35c, ¼ lb. \$1.25, lb. \$4.50.

ENDIVE

German, *Endivien*. French, *Chicoree*.

1 oz. for 100 feet of drill.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July and transplanted one foot apart each way when of sufficient size.

Moore's Mammoth Green Curled Italian. Very large valuable new sort attaining a diameter of 22 inches. Leaves beautifully curled, tender; of an attractive green color and blanches easily. The centre is very close and full. Pkt. 10c, oz. 30c, ¼ lb. 70c, lb. \$2.50.

WHITE CURLED GUILLAINE. A beautiful variety, leaves almost white, large compact growth. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00.

BROAD-LEAVED BATAVIAN. Leaves green. Pkt. 5c, oz. 20c, ¼ lb. 50c.

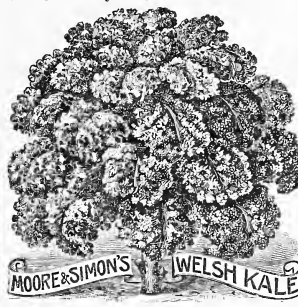
ENGLISH BORDEAUX. A new large green curly sort, splendid for summer or fall. Very distinct; will outsell any other sort. Should be grown by all. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

Kale or Borecole

German, *Blatter-Kohl*. French, *Chou Vert*. Spanish, *Breton*.

1 oz. will sow 150 feet of drill.

Kale, or Borecole, may be grown in almost any soil, but the richer it is the more abundant the product. If wanted for use in early or late winter, sow our *Norfolk Green Curled Scotch* early in June and transplant, as directed for Cabbage, middle of July. If needed for spring, summer or fall use, sow our *Welsh Curled* as early in the hot bed and transplant a month later. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is. Excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



NORFOLK GREEN CURLED SCOTCH. (Long Standing.) Beautifully curled, very hardy, immense yielder. The hardest and best for wintering out in northern latitudes. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.20.

WELSH CURLED. The most beautifully curled variety in cultivation; heavy long continuous yielder. Very tender; color, light blue. Sow early in hot bed, and transplant, or sow broadcast. If not cut too close to the ground it will yield continuously from spring until winter. Quite hardy; the most profitable sort for spring sowing. Good North or South. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

DWARF GERMAN GREENS. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c.

SEA KALE. Pkt. 10c, oz. 25c, ¼ lb. 75c.

HORSE RADISH. Sets planted in May, small and down, with the top one inch below the surface, in rich, well-cultivated soil, will form radish of large size in one season's growth.

ORDINARY KIND. Medium size roots, 8 for 20c, per doz. 25c, per 100, 90c, by mail postpaid. By express, medium size, per 100, 50c, per 1,000, \$4.00. Large roots, by express or freight; per doz. 20c, per 100, 65c, per 1,000, \$5.00.

MALINE-KREIN or BOHEMIA. Much earlier and said to grow longer, thicker and smoother roots than the old sort. Will produce one-third more to the acre. Skin thin, flesh very white. Roots, ready for planting. 6 for 25c, per doz. 20c, 50 for \$1.00, per 100, \$1.75, by mail, postpaid. By express or freight: Roots of uniform length, in bunches of 50; 50 for 65c, per 100, \$1.25, 200 for \$2.25, 500 for \$5.00, per 1,000, \$8.50.

LEEK

German, *Lauch*. French, *Poireau*.

1 oz. will sow 100 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in a light but well enriched soil. Sow as early in spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high they may be transplanted in rows 10 inches apart each way, as deep as possible, that the neck being covered, may be blanched. If the Leeks be desired, the ground can hardly be made too rich, for the Leek is a gross feeder.

MOORE'S MAMMOTH PRIZETAKER. (New.) Entirely dis- Very hardy, mild flavor, and attractive because of its white color, easily blanching. The best for home garden or market. Pkt. 20c, oz. 75c, ¼ lb. \$2.00.

SIR AYTON CASTLE WINTER. (New.) The largest and best quality and good flavor. One of the best for market or private use. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.

IMPROVED NEW GIANT ITALIAN. Extra stock. Pkt. 10c, oz. 30c, ¼ lb. 60c, lb. \$3.00.

LONDON FLAG. English grown, true. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$3.00.

KOHL-RABI (Turnip-rooted Cabbage).

Kohl-Rab, Ger. Chou Rave, Fr. *Châ de nabo* or *Naboc*, It. Sp.

One ounce of seed will sow a drill of about 150 feet.



An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a Turnip. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young.

EARLIEST FRUIT WHITE. The shortest leaved and best early market variety, being entirely stringless, tender and sweet. The best variety for forcing in frames or out-door culture. Pkt. 10c, oz. 35c, ¼ lb. 85c, lb. \$3.00.

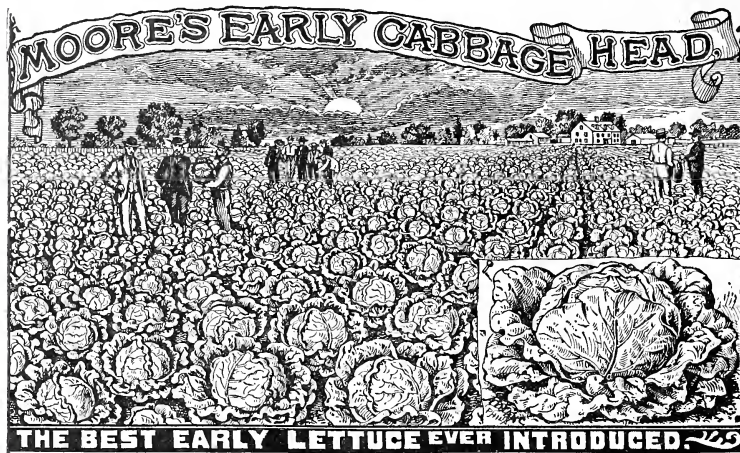
WHITE SHORT-LEAVED. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.75.

SMOOTH WHITE SHORT-LEAVED. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$3.00.



MONEY-MAKING LETTUCE

Bigger Crops, Bigger Prices, Bigger Profits Are Assured to All Those Who Plant Moore's Lettuce Seed



white, buttery heads, crisp, tender and sweet. Our illustration shows its heading qualities to perfection. The best of all the open ground, long season varieties. Grows well along the Atlantic and Gulf coasts. Thousands of acres of this valuable variety are now grown throughout the United States for home markets and shipping. **Pkt. 10c., oz. 30c., 1/2 lb. 75c., lb. \$2.50.** Large buyers will be quoted special prices by stating quantity wanted.

READ WHAT THEY SAY

READ WHAT THEY SAY

"It was the finest early lettuce ever seen around here. I wish you success in your business."—C. J. SKINNER, JACKSONVILLE, FLA.

"Your Moore's Early Cabbage Head Lettuce is just fine. It is 99 per cent pure and I could not get along without it."—W. E. SMITH, BALTIMORE, MD.

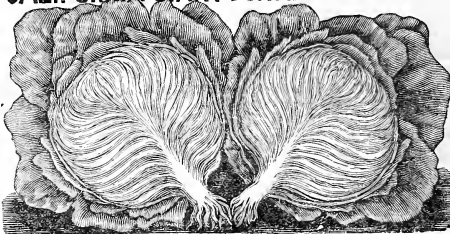
WHITE NORMANDY STONEHEAD

Heat resisting; a sure header; slow to run to seed; unaffected by the hottest weather. This superb new variety was sent to us by one of the largest and most successful market gardeners in Normandy, France, and is a new variety of the White Norman variety of lettuce. Normandy is noted for its hot, dry summers. Notwithstanding this, the White Normandy produces large solid heads during the entire summer season. The heads are large and firm, very green on the outside. It is well adapted for spring, summer and autumn crops, and will often produce the finest market heads where other varieties would be ruined. It is a variety that grows much better when grown from any heading sort known, which not only makes it very valuable for a late fall crop in northern States, but to winter crop in the South. It is a variety of great future importance. **Price, per lb. 10c to 30c; 1 lb. 85c., lb. \$3.00.**

CALIFORNIA GIANT FORCING

thick through, and of a solidity equal to that of a cabbage. They measure about ten inches across the solid head. The leaves are slightly crumpled, of a beautiful white color, and for tenderness it is unsurpassed. It is especially favorite with Southern growers and market gardeners everywhere, both North and South. It is especially valuable for open-ground culture and for growing under cottonwood or a late crop under sash. As a shipping sort it is the best material of all and always brings an extra price for the lettuce grower. It is well adapted to be delighted with it. Be sure to give it a trial on rich good soil. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

CALIFORNIA GIANT FORCING LETTUCE.



FREE SEEDS

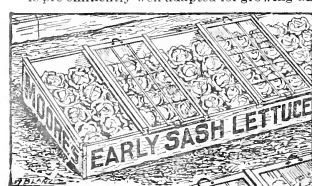
Special Offer on Flower and Vegetable Seeds in Packets and Ounces Only. This Offer is by Mail, Postage Paid by Us to Any Post Office in America. Money to be Sent with Order.

WE ALLOW YOU IN SENDING US

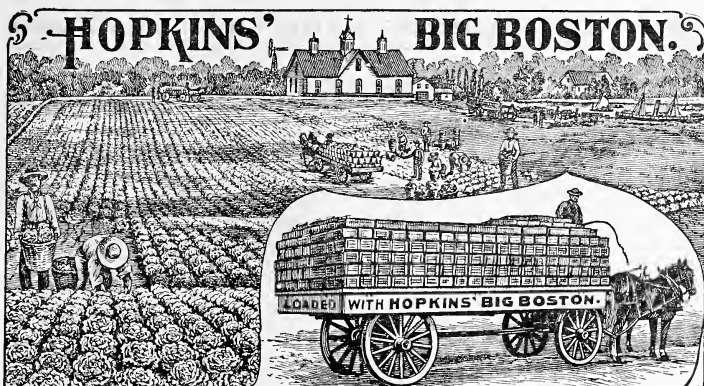
[illegible]

MOORE'S EARLY SASH LETTUCE

derest and most delicate eating of all the lettuce family. This fine early sort is pre-eminently well adapted for growing under glass sash. It is undoubt-



Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



PLANT HOPKINS' AND GET THE BEST CROP.

our largest customers writes: "I don't think there is a lettuce to beat it." It is particularly well adapted for open ground culture during the late summer or autumn, and it has the valuable feature of withstanding considerable frost or cold weather without injury. In this locality we have had it to stand in perfect condition as late as November 25th with but a light covering of salt hay. It is continually gaining in popularity, and is being grown by the largest lettuce growers in New York, Florida and along the Atlantic coast for the leading northern markets. Its immensely large, heavy, firm, beautifully white buttery heads, crisp, tender and sweet. While it is well adapted to growing in frames and cool greenhouses, we think our customers will find our Moore's Early Cabbage Head or California Giant Forcing to give better results owing to their earliness and more rapid growth. (See cut.) Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.75.

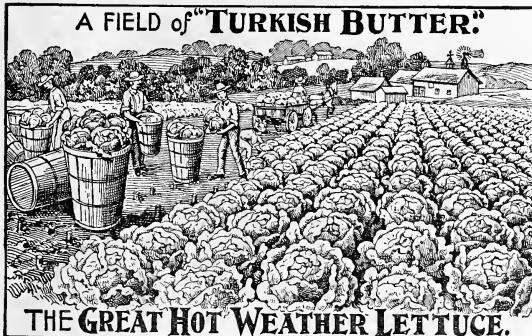
"Hopkins' Big Boston"

was the finest lettuce grown in Manatee County this year. It looked just like cabbages. I will not grow any lettuce but your Hopkins' Big Boston and Moore's Early Cabbage Head another year. Both varieties are certainly grand market sorts."

ENTERPRISE LETTUCE GARDENS, WILMINGTON, N. C.

"Hopkins' Big Boston Lettuce"

just takes the cake. One acre netted me \$988.75. I made some shipments a distance of 1,650 miles and it opened up perfect. It is the best strain of Big Boston Lettuce I have had in fifteen years. Success to your business."



THE GREAT HOT WEATHER LETTUCE.

FIFTY PER CENT. BETTER PRICES.—"Last spring I put in just one acre of your Turkish Butter Lettuce and it sold for 50¢ better prices than any such a wonderful crop; I nor my neighbors never saw the equal. I had a magnificent head on every plant, and it sold for 50¢ better prices than my best Salamander."—J. C. QUINN, 41st WARD, PHILADELPHIA.



Moore's Summer Gem.

HOPKINS' BIG BOSTON LETTUCE

The King of This Type of Head Lettuce. Immense Heads as Solid as Cabbage and of Superior Quality.

This magnificent strain of Big Boston Lettuce is the result of a very careful and intelligent selection of one of Philadelphia's most successful market gardeners. After following it carefully observation and severe tests ourselves, as well as in the largest lettuce growing sections of the United States, we became so well satisfied of its great superiority in all respects over other existing types that we decided to offer it to our many thousand market gardener customers throughout the world. It is a great keeper, a true long-distance shipper, and we especially recommend it to all lettuce growers who ship long distances. It seems to have little or no tendency to go to seed, which is a highly valuable feature for all lettuce growers. It will stand longer on the ground and hold up longer after being cut than any type of Big or large Boston Lettuce you ever had. It is a grand success, and as one of the leading northern markets, its immensely large, heavy, firm, beautifully white buttery heads, crisp, tender and sweet. While it is well adapted to growing in frames and cool greenhouses, we think our customers will find our Moore's Early Cabbage Head or California Giant Forcing to give better results owing to their earliness and more rapid growth.

Hopkins' Big Boston Lettuce

is different and better than all other types of Big Boston. It is bred with great care and with leaves of finer and more delicate texture, whiter heads, heavier and better keeping heads, quicker growing and more compact heads and heads that will stand longer without going to seed, and to have 100 plants produce 100 large, beautiful heads of superior quality.

NEW TURKISH BUTTER LETTUCE

The Great Hot Weather Lettuce. Immense Heads—12 to 15 inches across. Blanchs Beautifully, is Crisp, Tender, Sweet and Absolutely Free from Bitterness. In short, it is the Acme of Perfection for a Spring and Summer Lettuce. It heads during hot, dry weather, when no other sort will.

Those who like a cabbage lettuce, with rich, buttery leaves of great substance, will be thoroughly well pleased with this new variety from Turkey, which is accurately shown in the illustration herewith, engraved from a photograph. It stands hot weather without becoming bitter or running to seed, and bears beautiful, large, solid, creamy white heads of superb quality and of delicious, rich, buttery flavor, crisp, tender and delicious. It is the result of many years' careful selection and improvement by us. It is a deep rooter, resisting hot, dry weather to a remarkable degree. The outer color is a distinct apple green. It is now very extensively grown by thousands of market gardeners in all sections of the country and from whom we receive most glowing reports. It has come to stay, and is a standard main summer crop hot weather lettuce. It has few outer leaves, and we might very appropriately call it an *Hot Head* lettuce. It is very slow to run to seed, and it will stand in good condition fully two weeks after it has headed up. It is much quicker to mature than either Big Boston or Mammoth Salamander. Most highly recommended for family gardens or the market gardener who wishes fair prices for what he grows. We highly recommend it for early spring and early fall planting. It never shows any brown or bronzy color from cold. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.75.

CANNOT SAY TOO MUCH IN ITS FAVOR.—"Your Turkish Butter Lettuce shows a remarkable combination of good qualities—earliness, firm heading, beautiful appearance and fine quality are but a few. I have grown it 3 years and cannot say too much in its favor. It is simply the best summer lettuce a market gardener can grow. It is sure to head every time. When Salamander and Big Boston just started to head I had your Turkish Butter all cut off. All were sown at same time."—SAMUEL H. WHEATLEY, RUTHERFORD, N. J.

A MAGNIFICENT SUMMER LETTUCE.—"I have been trucking 21 years and have been planting your Turkish Butter exclusively the past 4 years for my summer crop. When I tell you it is a magnificent lettuce and that you cannot do without it. I am only repeating what all my neighbors say who were first induced to plant it by me; 32 heads filled a flour barrel. They were beautiful large, solid, firm heads too."—ISAAC M. JONES, WILKES-BARRE, PA.

MOORE'S NEW SUMMER GEM

This is undoubtedly one of the largest heading varieties of all summer lettuces and particularly valuable for summer planting. The heads are large, from 12 to 15 inches across; form up rapidly and are of a beautiful creamy white color, very crisp and tender. Market gardeners in warm sections write we have it head up uniformly and is among the most salable lettuces they ever had for summer use. Excellent for private gardens. It should have abundance of water. Don't fail to try it. Pkt. 5c., oz. 20c., 1/4 lb. 50c., lb. \$1.50.

LETTUCE HIGH GRADE VARIETIES (Continued)

NEW ROMAINE CELERY

A GOOD NEW LETTUCE. Very profitable to grow. This new sort produces unusually strong white color, and a large compact solid head. Very sweet and tender and is preferred to all other varieties of Cos lettuce. At Paris, where large quantities of it are grown for market, it is known as "Parisian Celery Lettuce." All large cities consume immense quantities of this variety. Grows about 10 inches high, and will blanch without tying. It is the best keeper and carrier. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Hammersmith Summer Drumhead. Good summer sort. Large, solid, very tender heads. In table quality this hard heading cabbage lettuce is perfection itself. It is wholly free from bitter taste, having a sweet and rich flavor, even to the outer leaves. It remains long in good table condition after reaching maturity, and resists heat and drought well, and is very slow to run to seed. Its ability to remain sweet and tender is one of the leading characteristics. It is a perfect open air lettuce in all respects. It is hardy and may be set out in earliest spring or grown late in the fall. Every year increases the already wide demand for this valuable sort. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

PARIS WHITE HEART or TRIANON. Produces long-pointed, compact bunches, which have to be tied to blanch. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

HOPKINS BIG BOSTON. We have a very fine strain of this important variety. (Insert photo of our New Champion Big Boston on page 26.) We solicit correspondence from large buyers and associations who plant this important variety. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25, 5 lbs. \$5.00.

CUT AND COME AGAIN. A very crisp, sweet and tender variety repeatedly cut during the season, excellent for the family garden or selling by measure. Will make good heads if properly thinned. Should be cut about 2 inches from the ground. You will like it. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Moore's Selected Early Dutch Butter. (Private Stock.) A sure and profitable heading variety. The best strain of Dutch butter for growing during winter and early spring under sash. Large solid heads of delicious quality. Sure cropper, 90 per cent. sure; best for market purposes. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$2.00.

MAMMOTH BLACK-SEEDED BUTTER. Extra selected stock. Oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

BLACK SEEDED SIMPSON. Oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.

ARLINGTON BLACK-SEEDED TENNIS BALL. Extra selected stock. Very crisp and tender. Good shipper and very profitable to grow. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Boston White Hot House. (Ratter's Private Stock.) Early, rapid grower, very solid, compact white tender heads. This extensive grower of hot house lettuce ships the most solid heading lettuce and realizes higher prices than any other Boston grower. The most reliable and profitable of all sorts for growing in greenhouses. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$3.25, lb. \$5.00.

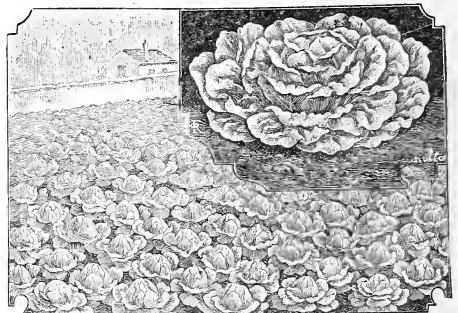
SPECIAL FORCING GRAND RAPIDS. (Sloan's Stock.) Better color and very compact. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

NEW FRENCH POULTRY LETTUCE. Probably every poultry raiser knows how eager poultry are to eat lettuce, how they seem to enjoy it, and when opportunity offers, to actually fight for it. The French and Belgians are said to produce the finest flavored poultry grown, and largely attribute their great success to the great quantities of a certain lettuce which they freely feed their fowls on. After considerable expense and trouble we have succeeded in obtaining some of this valuable variety for our customers. It is a very strong grower, a small plot of ground will yield a prodigious quantity of this lettuce, which contains certain valuable properties both medicinal and food which make it so valuable to the poultry raiser. All kinds of poultry eat it greedily—chickens, ducks, geese and even cats—with great avidity. Freely fed in connection with other foods it keeps them in the best possible physical condition, and greatly increases the egg production, as well as imparting a delicious flavor to the fowl when cooked. It is a very cheap food, and very easily grown. We recommend sowing it in rows. When 8 or 10 inches high it is ready to feed. Every poultry raiser large or small, should it produce his own poultry food, and there is no poultry food he can produce as cheaply as growing our New French Poultry Lettuce. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

MOORE'S EARLY MAY KING. Our many customers will find to be a big improvement over the original type. The plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of six to seven inches with the broad, light-green outer leaves folding closely about the round solid head; in cool weather the edges of these outer leaves are never tinged with brown. The inner leaves (practically the entire head) are blanched to a rich golden yellow and have a *specialty fine, rich buttery flavor*. The round solid heads are so firmly folded that they can be shipped to distant markets and arrive in good condition. We recommend repeated plantings in the spring and again during August and September. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

MOORE'S EARLIEST WAYHEAD. Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold and early hot months—it has proved to be not only the *earliest* and one of the *surest* heading of all early lettuce, but also of the *very finest quality* throughout the season. Wayhead is not only *earlier* than *May King*, but the tightly folded heads are generally larger in size. The outer leaves are a very light green, with the inner head finely blanch to a rich buttery yellow and stands a long time before running to seed. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$2.00.

MOORE'S NEW ALL HEART. This distinct Cabbage Lettuce is excellent for spring and summer use. It is of a yellowish green color, and forms a solid heart, even before it is half grown, and is of superior flavor. It is also sometimes used for forcing under glass. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 65c., lb. \$2.25.



Moore's Earliest Wayhead Lettuce

A FEW OF THOUSANDS

GENTLEMEN:—"I had the earliest and finest tomatoes in Henderson county this year, all grown from your King of the Earlies seed."

JAS. A. HENRY, R. D. 2, HENDERSON, TENN.

"Your Cabbage Seed is the best in this section, and we pronounce your Abundance Tomato all O. K. It's a wonder."

J. C. BELLAMY & SON, VICTORIA, FLA.

If you are interested in Poultry it will be to your advantage to ask for a copy of our UNABRIDGED POULTRY SUPPLY CATALOGUE. It is free for the asking.

MELON, MUSK OR CANTALOUPE

German, *Melone*.—French, *Melon*.—Spanish, *Melon*.

1 oz. for 60 hills; 2 to 3 lbs. in hill for an acre.

Culture melons thrive best in a moderately enriched light soil; the hills should be from three to six feet apart each way, according to the richness of the soil. If soil is poor or sandy, plant at four feet. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly-rotted manure; place eight or ten seeds in each hill early in May, for latitude of Philadelphia, for South earlier, for further North later, and when well up thin out to three or four of the most promising.



IMPORTANT FOR YOU TO KNOW

That for many years we have been one of the largest growers of Melon Seeds in the United States, and we supply, every season over our counter, hundreds of New Jersey truck gardeners with our superior strains, and ship many thousands of pounds to the largest melon-growers of the South. We attribute the popularity of our melon, as well as of other seeds, to our careful selection of the very finest specimens of our seed stocks, thus improving and breeding up our stocks to the highest state of perfection. Many of the best and most popular melons now known were first introduced by us.

CORRESPOND WITH US FOR SPECIAL PRICES IF SEED BE WANTED IN LARGE QUANTITIES

Parker's Extra Early (New). Earliest of All of its Shape! Yes, it is the Earliest of All Musk Melons, Without Exception. This is the Earliest Musk Melon that we know of, and it will be sure to create a sensation everywhere.

It is nearly round, as may be seen by the cut, of good size, weighing about 1½ pounds each. Of a dark-green color outside, well netted, while inside they are of a rich orange-green color, and we venture to say, with thicker flesh than any other extra early variety in cultivation, there being *scarcely room for the seeds*. As to flavor, they take the lead of all, and are far ahead of everything else at present cultivated. It surpasses all other extra early in delicious flavor and unusual productiveness, beauty of form and desirable shipping qualities. It has positively demonstrated itself as the **earliest good melon in the world**.

We sold upwards of 50,000 packages of this earliest melon, and we know we have just that many thousand pleased, delighted, happy melon growers, and each and every one who has grown this earliest of all early musk melons praised it ahead of other sorts. We know that this Parker's New Extra Early will please everybody growing same, whether growing one or two hills or whether growing 20 or 30 or 50 acres. We advise our customers to pinch off the runners. Pkt. 10c., oz. 25c., ¼ lb. 50c., lb. \$2.00.

Matchless Early Musk Melon. Positively the Earliest Green Fleshed Musk Melon Ever Grown, Outyielding All Other Small Sorts. Ideal Size for Dessert. A Healthy, Vigorous Grower, Exceedingly Prolific.

It is a small melon, weighing 1 to 1½ pounds. The flesh is deep and thick, and light green in color, except next the seeds, where it inclines towards yellow. The flavor is exceedingly fine. The skin is green, regularly ribbed and thickly netted. It is a firm, solid melon, and will carry in perfect condition for a week or more after its removal from the vine. It is a heavy cropper, and is in wide favor as a market melon. Indeed, its ability to bear transportation without breaking down has made it one of the most profitable of crops, and explains why it is so universally grown. It is absolutely the earliest of all green-fleshed melons, and we particularly recommend it to all whose profits depend upon being first in market. It is more largely grown in the great melon-producing State of New Jersey than any other sort, with the possible exception of our Parker's Early, and is used in enormous quantities in the Eastern cities and at the seashore resorts. Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

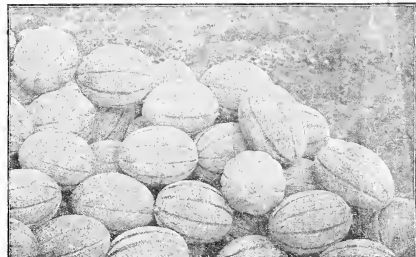
We sell any three 10c. packets of Vegetable or Flower seed for 25c., or any fifteen 10c. packets for \$1.00, postpaid.

New Ordway Pink

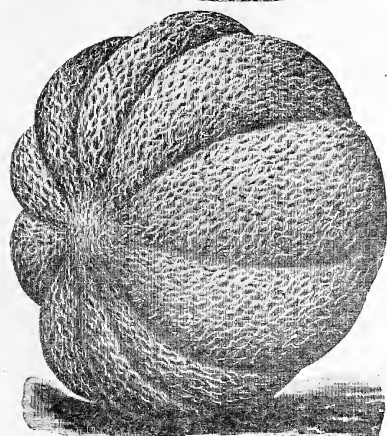
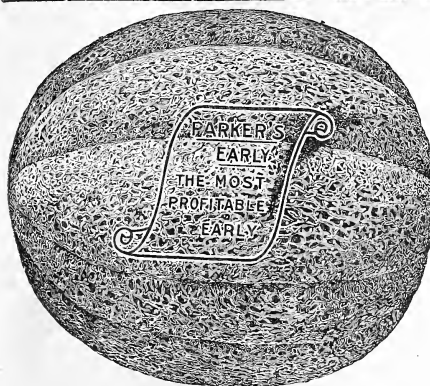
It gives us much pleasure to be able to offer our customers a limited quantity of this grand musk melon, which originated near Ordway, Colorado, and which we introduced in 1906. No melon grower will make a mistake in planting it. It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. Meat of a rich golden or a reddish orange, very thick, fine-grained and spicy, not containing too much water or acid; the flavor cannot be excelled. Seed cavity small and triangular, the seed closely held in place in three lobes. It is an abundant yielder, often producing from 20 to 25 delicious melons to the hill. The rind is covered with a closely laced gray netting, except the narrow stripe between the ribs, which is not netted. Shape oblong, averaging six inches long and tapering at the ends. It is an excellent shipper and will carry nearly two weeks without ill. This melon has brought hundreds of growers highly profitable returns and it will pay you to grow it. Stock seed. Pkt. 10c., oz. 25c., ¼ lb. 50c., lb. \$1.50.

Thoroughbred Rocky Ford—Watter's Solid Net (Stock Seed.)

In saving this seed, which is the finest possible selection, every melon is passed upon, which makes it an ideal melon for growing, shipping and eating, and we feel confident in saying no finer strain has ever been produced. Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

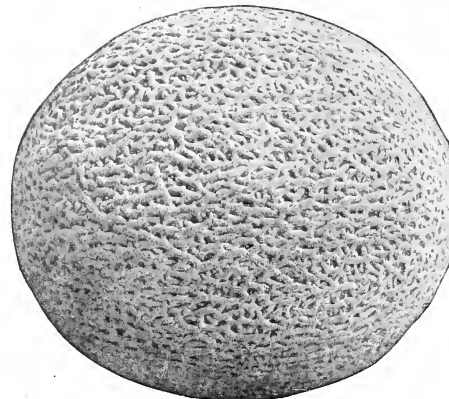


New Ordway Pink—The Great Blight Resister



Matchless Early Musk Melon

French Cantaloupe. We regard this as one of the very best and most profitable extra early melons in existence for home market gardeners, and nothing among the green-fleshed varieties surpasses it for quality. We have the honor of introducing this singularly beautiful melon, which was placed in our hands by the raiser, Mr. Vanclausse, of Paris. In quality this leads all, and every home garden should include it. Medium-sized, round with salmonated flesh, so rich, sweet and juicy that it needs to be eaten with a spoon. No other melon compares with it in eating qualities, and it is the sort of all others for the home garden. When known in our villages and cities, the French Cantaloupe easily brings double the price of any other sort, and for gardeners who deliver the melons to customers, or to the market direct, this is the most profitable variety to grow. They average about 1½ lbs. each, and will produce from 5,000 to 7,000 perfect melons per acre. Pkt. 10c., oz. 25c., ¼ lb. 50c., lb. \$1.75.



Moore's Delicious Gold-Lined Rocky Ford Melon

MOORE'S DELICIOUS GOLD LINED ROCKY FORD

A most delicious green-fleshed Cantaloupe
and best selling sort of its type

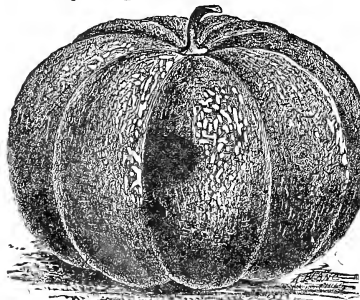
It is a big money-maker, in the fullest sense of the word, for all who grow it.

The most progressive muskmelon growers of Rocky Ford, Colo., made a very comfortable fortune in growing this one variety for the Philadelphia, New York and Boston markets, where they sold carloads of this one variety at very high prices on account of its delicious eating qualities. Its shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon. The melon is very thick meated, hence it carries well; fine grained and sweet; color green with a beautiful deep yellow gold margin next to the seed cavity.

It is of uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain will be from a select melon and hand-seeded. It ripens quite early and many of our customers claim it to be the most productive muskmelon they ever grew. Our seed fields have never shown the slightest trace of rust or other disease. We offer it at a wonderfully low price. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., 1 lb. \$1.50.

NEW EARLY HONEY SWEET

A Reliable and Bountiful Yields, Large, Handsome, Early, Flesh Green, Rich and Sugary. Roughs up Well and Keeps Longer Than Other Sorts.

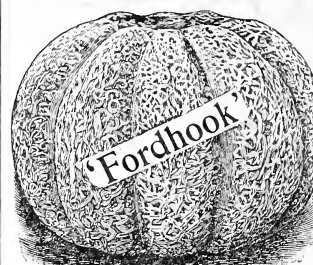


New Early Honey Sweet

A week after they are ripe and ready to pick, still retain their good quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., $\frac{1}{2}$ lb. \$1.00, 5 lbs. \$4.50.

Montreal Green Nutmeg This variety is largely grown by market gardeners at Montreal, Canada. The fruit is nearly round, slightly flattened at the ends, with a densely netted green skin. The flesh is remarkably thick and of splendid flavor. Selected seed only. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., 1 lb. \$1.25.

ACME or BALTIMORE. Thick green flesh, oblong, good shipper, free from blight. Oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.



FORDHOOK

The flesh is very thick, of an attractive deep-salmon color and surpassingly sweet to the very rind. The rind, although thin, is unusually firm, so that the fruits carry well to market. It is most vigorous in growth, very early and extremely prolific. The fruits are ready for market fully as early as our Honey Sweet. The vines grow vigorously and each vine sets from 5 to 9 melons immediately around the stem; frequently the fruits

touch one another. The melons are remarkably even in size, weighing from 1 lb. 8 ozs. to two pounds each. They are always of the handsome form and attractive appearance illustrated above. "FORDHOOK" is so "thoroughbred" that there are practically no fruits unfit for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

PERRY'S NEW HOODOO OR COLORADO PINK MEAT

One of the best selling muskmelons on the market to-day. True stock. A wonderfully productive, a wonderful seeder. A wonderful blight or rust resistant type.

The fruits are uniform, of just the right market size, the ribs deeply and densely netted, creases smooth, flesh a beautiful deep orange-pink, very thick and very small seed cavity, of spicy, sweet aromatic flavor. As a shipper to distant markets it is without a superior. We have had this melon keep in perfect condition for three weeks after being removed from the vine. It is the melon to grow for big returns. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., 1 lb. \$1.50.

Mexican Honey Dew This melon is slightly larger than our delicious gold-lined Rocky Ford; is perfectly round, heavily netted, with no ribs and has the thickest green flesh of any melon grown, rind tough, good keeper and a distinct delicious spicy flavor. It is the melon for everybody to grow. You will be delighted with it. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., 1 lb. \$2.50.

IMPROVED "KNIGHT" CANTALOUPE

This superb green-fleshed muskmelon has a taste that is indescribably delicious with a remarkable sweet spicy aroma. While this melon has had a wonderful reputation around Philadelphia and New York markets, it fully deserves to be known over a wider territory, and is now offered outside of its local home. It is slightly pointed at the stem end, while being rather blunted at the blossom end. They grow very uniform in shape and size, averaging about six inches in length, handsomely netted, very thick meat. Every melon grower is to be congratulated who gets a crop of this magnificent melon, which we have greatly improved since its first introduction. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., $\frac{1}{2}$ lb. 45c., 1 lb. 85c.

FRENCH CANTALOUPE

We regard this as one of the very best and most delicious among the green-fleshed varieties. We have the honor of introducing this singularly desirable melon. In quality this leads all, and every home gardener should include it. Medium-sized, round, with salmon-red flesh, so rich, sweet and juicy that it needs to be eaten with a spoon. No other melon compares with it in eating qualities, and it is one of all others for the home garden. Is unequalled for marketing near home. They average about 1 $\frac{1}{2}$ lbs. each. Pkt. 5c., oz. 35c., $\frac{1}{4}$ lb. 35c., 1 lb. \$1.25.

Cuban Banana. Flesh, very thick, of a salmon color; in flavor remarkably delicious. It looks almost like an overgrown banana, and, moreover, smells like one. This curious melon attains a length of 18 to 20 inches, and a diameter of 2 to 4 inches, and is very desirable for family use. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., 1 lb. \$1.25.

OUR MELONS ARE GROWN EXCLUSIVELY FOR THE SEED

and every melon not true to type and shape is thrown out and destroyed. Every melon under 15 pounds in weight of the smaller varieties and 20 pounds of the larger varieties is thrown out. Not a seed is saved from the small and inferior melons. Not a melon is sold from the crop or shipped by any of our regular watermelon seed growers. Naturally it costs several times as much to grow seed this way than it does to grow the seed sold by other houses at a lower price.

We make a specialty of good, pure watermelon seed of the highest vitality which we grow on new ground under the most favorable conditions. Next to our Tomato seed it is our greatest specialty. Our seed is the best that can be grown, and if you want seed that will produce large, perfect, sweet and salable melons, we have it. If you want to grow watermelons fit to eat and to bring you the highest price in the market, use our specially selected and carefully grown watermelon seed.

Moore's Selected Watermelon Seed is the Best

Our watermelon seed is used by many of the largest planters in the United States, and we thank our numerous Southern customers for their very liberal patronage.

ARIZONA WONDERFUL SUGAR

While traveling in the State of Arizona, we found this sort to be almost universally grown on account of its many good qualities. We procured some of the seed and are now able to offer it to our many thousand customers. The melon is of good large size, flesh of a bright red, and of a luscious sweetness. The rind is unusually thin and tough. This variety has attained great popularity wherever known, and the seed is greatly sought after and it will be found a money maker by all our market garden friends. 10,027 melons were produced on one acre. Pkt. 5c., oz. 15c., ¼ lb. 30c., 1 lb. 85c., 5 lbs. \$3.75.



NEW EXCEL

THE BIG GROWERS AND SHIPPERS EVERYWHERE ARE PLANTING IT HEAVILY

Weighs from 30 to 60 lbs.; one grower reports 80 lbs. Our seeds are the choicest. A cross between the Tom Watson and Big Blue Gem. It is a handsome long blue-melon (see cut) with dark green stripes. The heaviest bearer of all the melons, cuts deep red, a better melon than the Watson, in fact it equals our now famous Shaker Blue in quality. Many predict that it will supplant all other sorts as a shipping melon. No matter where grown it keeps well, looks attractive and possesses an excellent flavor, flesh remarkably sweet and tender. Grows solid, never hollow. The shape is ideal. One of our large Southern growers says: "Your New Excel beats them all, it is the finest I ever saw and I have raised thousands of cars." Medium early. It means a revolution among watermelon growers everywhere. Genuine seed and we are headquarters for it. Pkt. 10c., oz. 15c., ¼ lb. 40c., 1 lb. \$1.50. Special quotations on larger quantities.



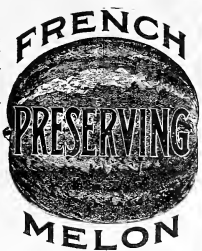
French Preserving Melon

This is quite distinct and superior to the ordinary preserving citron. It is immensely productive. The flesh is very firm and solid, with few seeds and of spherical shape. The preserving qualities are the very finest. It makes beautiful, clear, nearly transparent preserves, of surpassingly fine flavor. Pkt. 10c., oz. 15c., ¼ lb. 40c., 1 lb. \$1.50.

Alabama Sweet. One of the finest long shipping melons. This new introduction is becoming the most popular among Southern melon growers of all the long shaped shipping varieties, and rightly so. In general appearance it looks very much like the Kleckley Sweet, but looks that make it sell on sight at the highest price. It is extra early, coming in almost with Seminoe, and is one of the earliest medium-to-large size melons we have ever seen. It is of long shape with intense dark green color, and a splendid shipper. Flesh is very fine grained, solid but free from stringiness. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 85c., 5 lbs. \$4.00.

Kleckley Sweets. An immensely popular melon of superb luscious markets. Flesh bright scarlet with broad solid heart, crisp and sugary. Seed saved from selected specimens only. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 80c., 5 lbs. \$3.75.

Turner's Dark Icing, or ICE RIND. Fruits of round or short-flesh deep pink, very sweet and of fine oval form, with dark green skin. New Jersey truckers, as its noted fine quality makes the melons sell well in any market. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 75c.



Florida Favorite. A large oblong melon, with dark green skin, faintly striped with still deeper shade; deep red flesh of excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 65c., 5 lbs. \$2.90.

Blue Gem. The rind is exceptionally strong, making it a good shipper. Quality superior to Kolb Gem, larger in size and more attractive in appearance. Very pure stock. Oz. 10c., ¼ lb. 25c., 1 lb. 60c., 5 lbs. \$2.50.

Louisiana Melting Sugar. A large, long, weighty melon, solid, the edible portion extending to within half an inch of the skin; flesh brilliant red, sweet, tender crystalline, very juicy and altogether quite superior. A very hard rind, and therefore a good shipper. Oz. 10c., ¼ lb. 25c., 1 lb. 70c., 5 lbs. \$3.00.

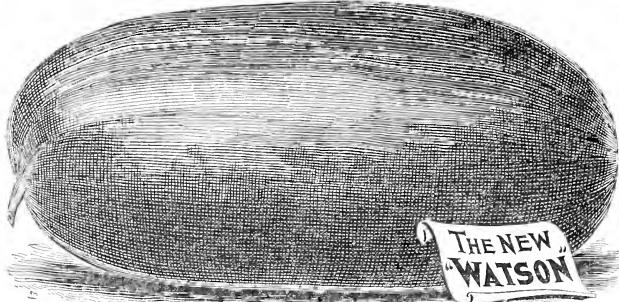
EARLY MARKET KING

Superior for Long Distance Shipping

THE EARLIEST LARGE MELON EVER GROWN

MATURES 83 DAYS FROM PLANTING

Notwithstanding the large size of this melon they will readily withstand packing seven layers deep, without injury, in a car; whereas the Blue Gem or any other variety cannot be packed more than five layers deep for long distance shipping, thus fully proving it to be superior to all others as a shipper. Fruit large and heavy (thirty to fifty pounds). A melon large growers need not hesitate to plant largely. This is not only an early melon on the fourth day of May, large, ripe melons were picked July 28th. Its eating qualities superior to all other early sorts, and always commands the highest market price. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 85c., 5 lbs. \$3.50, 10 lbs. \$6.50, 25, 50 and 100-lb. lots will be quoted upon application.



THE NEW TOM WATSON

It certainly gives us great pleasure to introduce this remarkably fine new Water Melon to our many thousand customers. It required many years of the most careful hybridizing and selection on the part of Mr. C. O. Watson to produce this, what he terms "The King of All" Water Melons, and to use his own language he "challenges the world to produce a better melon of its type, a better melon for growing, shipping or eating." This remarkable melon ripens in from 65 to 80 days, and under good cultivation will weigh about 60 lbs.

We have given it careful trials among many large melon growers for several seasons past in the largest melon growing sections of the world, and they are all highly enthusiastic in its praise. We have never yet found a grower or consumer who was not delighted with it, and we feel sure you will join the same ranks if you plant it. It gives surprising results to all. The skin is of a rich deep green, the flesh a beautiful deep red, crisp, sugary and melting and free from stringiness. It is very heavy, early, large, handsome, a strong vigorous grower, a good shipper and long keeper. One grower planted 1,200 acres of this melon. All seed saved from specimen melons only. Pkt. 5c., oz. 15c., 1/4 lb. 25c., 1 lb. 75c.

SHAKER BLUE

The New Shipping Melon.

This is comparatively a new melon from one of the largest water melon growing districts in Georgia; is admitted by all who have seen or handled it to be the coming melon for profitable long distance shipping, as well as for home market where large round melons are in demand. It is a large handsome melon. It commands a much higher price than Kohi Gem, Blue Gem, Triumph, Ironclad or Kieckley Sweets. The rind is a beautiful dark green, occasionally showing stripes and bands of a lighter green, changing to darker green when ripe. It is particularly distinguished by its solid "Big Heart" of pleasing bright red color and delicious quality, and entirely free from hard core. The centre or heart is solid from rind to rind and hollows or cavities are entirely absent. In our opinion it is a most desirable variety for shipping or hotel trade. All seed saved from specimen melons only. Pkt. 5c., oz. 15c., 1/4 lb. 30c., 1 lb. \$1.00.



A GRAND NEW WATER MELON—FLORIDA GEM

A Most Valuable Sort for Shipping, the Home Market, or the Private Garden. The Handsomest, Most Productive, Best Selling and Profitable Light Green Variety. The Largest Early White Melon Ever Grown. Matures 81 Days From Planting.

One of Florida's largest and most successful melon growers, and who cleared over \$17,000 in 2 years, growing and shipping these delicious melons north. While it is of southern origin, it is equally well adapted for the north and will grow anywhere where water melons can be grown. The color of the outside is rather light with distinct dark markings. The flesh is of a pleasant brilliant red and decidedly solid, and will be found to be firm and very dense to the core. The flavor is peculiarly delicious. It grows very uniform in size and is without doubt the most productive melon ever grown, and the vines will remain green

longer than any other variety known to us and will also sell for higher prices in all markets than any other sort. We earnestly recommend all melon growers to plant it. Another valuable feature is, it is not subject to blight to the extent that other melons are, and will yield big crops on land where other sorts fail to produce satisfactorily. Pkt. 5c., oz. 15c., 1/4 lb. 30c., 1 lb. \$1.00, 5 lbs. \$4.50. Buyers of 25, 50 and 100 lbs. lots of any kind of melon seed will be quoted special prices by letter.

Arkansas Traveler.

A large, long, weighty melon. Rind dark green, with waving stripes of black. Interior always solid. Flesh brilliant red, sweet, tender, crystalline, very juicy. A very hard rind, and therefore a good shipper. In color of flesh it is deepest red, in texture crystalline, in flavor sugary. The flesh is solid throughout, without any sign of either core or cavity, and the edible portion extends to within half an inch of the skin. Fine for late plantings to mature in August and September. Pkt. 10c., oz. 15c., 1/4 lb. 30c., 1 lb. \$1.00, 5 lbs. \$4.50.

FORDHOOK EARLY. 1/4 lb. 25c., 1 lb. 70c., 5 lbs. \$3.25, CAROLINA BRADFORD. Oz. 10c., 1/4 lb. 25c., 1 lb. 80c., 5 lbs. \$3.75.

MARRET HONEY. Seed saved from finest specimens only. Oz. 10c., 1/4 lb. 25c., 1 lb. 70c., 5 lbs. \$3.25.

Harris Earliest.

In form this melon is oval to oblong. It is beautifully striped with dark green and gray stripes. It has bright red flesh, which is tender, sweet and delicious beyond description. It is very productive. It is the melon for everybody to grow who wants to be first. It bears shipping very well, and on account of its extreme earliness, handsome appearance and fine table qualities, it always finds a ready market at fancy prices. Our stock direct from Mr. Harris. Oz. 10c., 1/4 lb. 20c., 1 lb. \$1.00, 5 lbs. \$4.50.

LIGHT ICING or ICE RIND. Oz. 10c., 1/4 lb. 20c., 1 lb. 50c., 5 lbs. \$2.25.

STRIPED GYPSY or GEORGIA RATTLESNAKE. A favorite melon in the South. Oz. 5c., 1/4 lb. 15c., 1 lb. 55c., 5 lbs. \$2.50.

ONION SEED

German, Zwiebel—French, Oignon—
Spanish, Cebolla

For large onions sow 1 ounce to 100 feet of row, and from 5 to 10 lbs. per acre. For sets sow $\frac{1}{2}$ lb. to 100 feet of row and from 60 to 70 lbs. per acre. Onions require very rich, mellow soil, seed should be sown in drills $\frac{1}{2}$ inch deep as soon as the ground can be worked.

MOORE'S ONION SEED. Philadelphia Grown Onion Seed is acknowledged by all who have ever grown it to be superior to that obtained from any other source in both strong vitality and purity. No one can appreciate the value of reliable seeds better than those who have been once disappointed, and too much care cannot be exercised in selecting your supply. There is no vegetable where the quality of the seeds exerts a greater influence upon the crops than onions. Our stock is all grown from choice bulbs, selected carefully by hand, and is unequalled in this country.

AMERICAN GROWN PRIZETAKER

THE KING of all YELLOW GLOBE ONIONS

THE GREAT PREMIUM TAKER.

SOLD OUT OF PRIZETAKERS IN $\frac{1}{2}$ HOUR

YIELD 1200 TO 1500 BUS PER ACRE

Mammoth Yellow PRIZETAKER ONION

THE GREATEST ONION IN THE WORLD

THE MARKET-GARDENERS GREAT MONEY MAKER.

NO DEMAND FOR OTHER ONIONS WHEN PRIZETAKERS ARE OFFERED FOR SALE

Moore's Onion Seed is Unequalled in Quality.

I harvested 2557 bushels of your strain of Prizetaker Onions from 12 pounds of seeds sown March 15, 1913, and sold same for \$1.25 per bushel in car lots.
S. O. Loxe, Gloucester Co., N. J.

MONEY TO BE MADE AND LOTS OF IT.

Be You Gardener, Market Gardener or Farmer.

The Greatest Money Producing Onion in the World.

LARGE ONIONS FROM SEED

By choosing varieties suited to your locality full-sized Onions may be grown from the seed fully as well, much more cheaply, and only a little later than from sets. For this purpose four to five pounds of seed per acre are required, depending upon distance apart at which the rows are sown. In the Northern States very large bulbs of Prizetaker and our globe Italian Onion, as well as from many other varieties, may be raised by sowing the seed early in hot beds or cold frames, and transplanting the young plants out in the field at the proper time.

The land should be highly fertilized: Raw Bone Meal is an excellent fertilizer, culture should be frequent. Where very large bulbs are not wanted seed can be sown where the crop is to be grown.

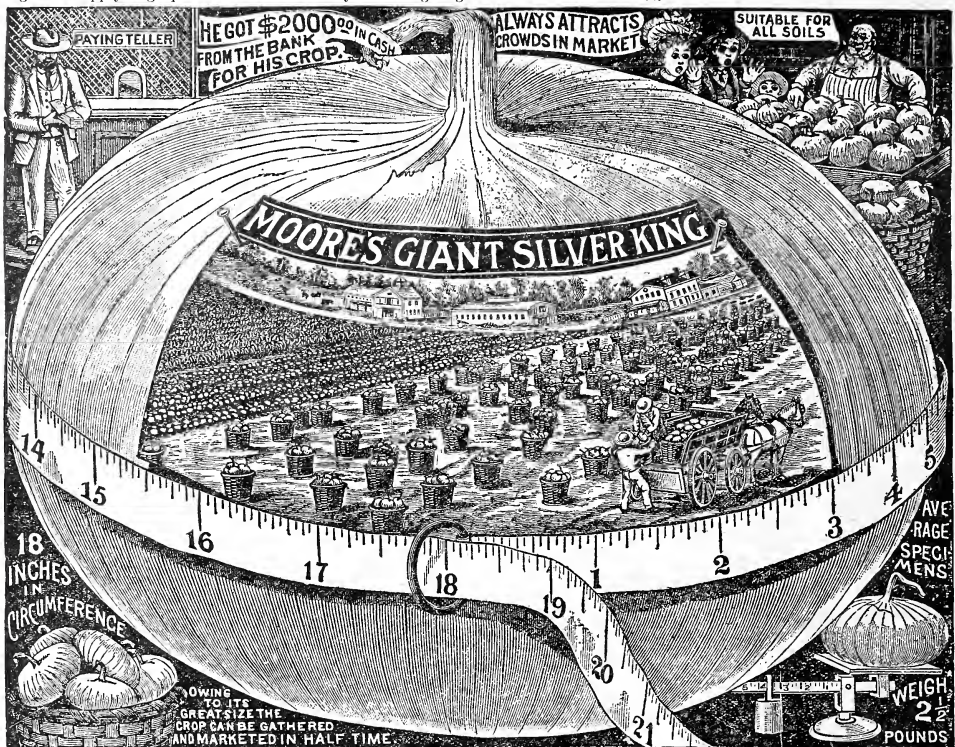
AMERICAN-GROWN MAMMOTH YELLOW PRIZETAKER ONION WILL DO IT.

Our American-Grown Prizetaker seed we offer produces large, well-ripened bulbs the first season from seed; flesh white, crisp and mild in flavor. The skin is thin, of a bright straw-yellow; form nearly a perfect globe, as shown in our illustration. Under ordinary cultivation this variety will yield bulbs nearly three times as large as the Globe Danvers, while under special cultivation we have raised specimen bulbs to weigh from four to five and a half pounds each. These are the large mild onions which are sold in small crates in the early fall and are esteemed for their large size, handsome appearance, mild and delicate flavor. With ordinary culture the crop of Prizetaker onions is not infrequently 1,200 to 1,500 bushels per acre, and often runs up to 1,800 bushels. Our strain Prizetaker is by far the handsomest, most productive, most popular and best of all Yellow Globe Onions. It is a bright clear straw color, and always grows to a uniform shape, which is a perfect globe. It has a very small neck, and ripens up without stiffness of the neck. In market it never fails to attract attention on account of its beauty, and is sure to bring a far better price than any other onion. Our strain of Prizetaker is even more attractive in appearance than the large Spanish Onions sold on the city fruit stands, and in fact takes the place of that variety. Pkt. 10c. oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$2.50 postpaid. By express in lots of five pounds or more \$2.25 per pound. Large buyers will be quoted special low prices upon stating quantity wanted.

GOOD ONION SEED is of the utmost importance. Fully realizing this, we make a Specialty of the BEST Onion Seed.

A dollar saved on the purchase of the seed is likely to be lost many times over when the bulbs are harvested. The first cost of the seed is a small item compared with the expense involved in the proper preparation, fertilizing, and cultivation of the soil. It costs as much to raise a crop of inferior bulbs from poor seed as to produce a crop of fine evenly ripened bulbs from a selected strain of seed. Our Onion Seed is absolutely unsurpassed.

SPECIAL PRICES. On Onion Seed in any quantity over what is quoted here will be promptly given upon application. Onion Seed has been a leading specialty with us for years. Write us. It may pay you big. We supply large quantities of seed to many of the largest growers in the United States.



MOORE'S GIANT SILVER KING ONION.—Universally Popular

A LEADING VARIETY IN ALL SECTIONS. PRODUCES ENORMOUS CROPS OF ENORMOUS ONIONS. ALL CLEAN, SOLID, HEAVY AND PERFECT. NO "THICK NECKS." SURE CROPPER. LONG KEEPER. UNEQUALLED SHIPPER. (New Early.) This is an entirely new type of Silver King from that introduced several years ago in that it is much earlier, which gives it a decided advantage, especially for the market gardener. Large white onions can now be had fully two weeks earlier than from the old type. Like its predecessor the skin is of a beautiful silvery white, with flesh of a particularly mild and pleasant flavor and so sweet that it can be eaten like an apple. No other white onion attains such a mammoth size nor uniformly so large. It is adapted to a wide range of country. The popularity of this onion increases rapidly from year to year with onion growers everywhere. All who grow it unanimously say it deserves every word of praise that is bestowed upon it by its enthusiastic admirers among farmers, truckers and very especially those who eat it. As to the wonderful size, early maturity and fine eating qualities of this famous onion we cannot speak too highly. Every one desirous of having the largest, handsomest and most profitable onions of the finest flavor will be more than satisfied with our Early Giant Silver King.

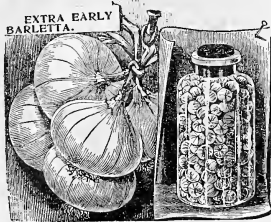
It cannot be too highly recommended for the family garden, exhibitions fairs, restaurants. Its size and beauty always make it highly attractive, and especially so on market stalls where it always commands the highest price. This remarkable variety was planted by over 150,000 gardeners last year for home use or market. It is the most productive of all white onions and grows larger than any white onion in cultivation. It is the onion for everybody no matter whether grown for sale or home use. Plant at least an ounce of this most delicious onion, better still, plant a pound, or if you are a large grower plant 10 pounds. Pkt. 10c., oz. 30c., 1/4 lb. \$1.00, lb. \$3.00.

HARVESTED 203 BUSHELS.—"I harvested 203 bushels from the pound of your Early Giant Silver King Onion seed. The largest measured 19 inches around. They sold for \$2.50 per 100 lbs. My White Globe brought \$1.45 per 100 lbs."—OLAF PETERSON, WAUKESHA, WIS.

SOLD BETTER.—"I had no trouble to dispose of my Early Giant Silver Kings. They sold better and for more money than either Crystal Wax or Croie Reds. Will double my crop of them another year."—CHAS. F. MITTEN, BEAUMONT, TEXAS.

NEW ZITTAU EXTRA EARLY WHITE ONION. The Earliest Large Onion on Earth. This is the biggest early onion money-maker ever offered by any seedsmen. You grow it direct from the seed, and you will have bigger and better onions than any you may grow from sets, and at one-third the cost of sets, and one-half less labor. Big statements these, but every word the truth. We believe we do a kindness to every one of our customers whom we induce to plant this valuable NEW ZITTAU EXTRA EARLY WHITE ONION, and thus put them in the way of making money. It thrives exceedingly well on any kind of soil—of course, the richer you make the soil the better. 1,000 BUSHELS PER ACRE can easily be grown from seed of this variety, and in this latitude they can be had on the market by June 15th, when prices range from \$1.00 to \$2.00 per bushel, for new onions. When we introduced this onion, we had no idea it would spring so suddenly into popularity, for to-day there is no onion grown in the United States, which is higher reputed for a money-maker than our Zittau Extra Early. After repeated and impartial trials, this onion has proved superior to all in earliness and excellent qualities, which stamps it absolutely the very earliest fine grade, fine quality, large flat onion grown. Is of fine shape, almost white; is of mild flavor, and ripens at a time when onions command a high price. It is unquestionably the largest, handsomest, finest flavored, best shaped, finest keeping, most superior early onion ever introduced, and is an onion that will sell on its merits in any market. Pkt. 10c., oz. 30c., 1/4 lb. \$1.00, lb. \$3.00. Large buyers will be quoted special prices upon stating quantity wanted.

EXTRA EARLY
BARLETTA.



Earliest White Barletta

Best of all for small pickles and the earliest ripening Onion in cultivation. The bulbs, of a beautiful pure paper-white, are generally very small, averaging only to one inch in diameter, and if thickly sown even less and are most mild in flavor. Should be grown in every garden for early use and for pickling. A good keeper and very mild, pleasant flavor. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

LARGE RED WETHERSFIELD ONION. Extra fine.

This is the most popular standard variety for winter markets. It is an early ripening sort, as it continues in growth throughout the season and consequently makes very large onions. Continued selection of bulbs planted for seed gives us a small-necked, sure-ripening strain, entirely free from scullions or thick necks. Though well flattened, the solid onions are thick through, as shown in the photograph of a specimen bulb reproduced above. This onion, shown natural size, weighed exactly six ounces. The outer skin is deep, firm, purplish red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets. There is no better strain of the true large Red Wethersfield in cultivation to-day than that offered by us. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.00.

ket in many Northern States. It is not an early ripening sort, as it continues in growth throughout the season and consequently makes very large onions. Continued selection of bulbs planted for seed gives us a small-necked, sure-ripening strain, entirely free from scullions or thick necks. Though well flattened, the solid onions are thick through, as shown in the photograph of a specimen bulb reproduced above. This onion, shown natural size, weighed exactly six ounces. The outer skin is deep, firm, purplish red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets. There is no better strain of the true large Red Wethersfield in cultivation to-day than that offered by us. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.00.

JAMES' LONG-KEEPING YELLOW ONION. The only variety that will produce perfect yellow sets. Will produce large, perfect onions the first year from seed. The most satisfactory and profitable variety for market gardeners to plant. Our customers will find in our James' Long-Keeping Yellow that reliability of bottoming and large yield are both combined in this popular variety. It cannot be too highly recommended. It is extensively grown for sets for market, and frequently produces five hundred bushels of beautiful sets per acre from seed sown in the spring. The genuine James' Long-Keeping is a very handsome large, round onion, thick through, of good size, with thin, yellow skin, flesh white, fine-grained, firm, mild, and of excellent quality. The large onions of this variety keep in perfect condition longer than any sort, and are equally as perfect in the spring as when put away in the fall. It produces the handsomest set we ever saw, which ripens early, keeps better than any other yellow sort, and sells rapidly, and is in every way the most profitable to grow. Beautiful are the sets grown from this seed that they will sell from fifty cents to one dollar per bushel more than any other yellow variety. When sown thinly, same as our Early White Southport, it produces a crop of yellow onions, without necks, of excellent quality, which will mature earlier and keep longer and better than any other yellow variety. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

LONG-KEEPING WHITE MADEIRA ONION. Of handsome appearance, the best for family use and for growing white sets. A much better keeper than the White Portuguese or Silver Skin, and will also produce a superb crop of sets and desirable set of mature onions. Flavor mild and delicate, ripens early, and keeps extra early of beautiful form and clear white skin. This is the variety from which the best white sets are now grown and has become deservedly popular for that purpose. Very heavy cropper and will keep longer and better than any other white onion. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.



Prices on 25, 50 and 100-lb. lots will be quoted on application.

NEW JERSEY WHITE SCALLION or CLUSTER BUNCH ONION

With our New Jersey White Scallion or Bunch Onion Seed you can sow it as early in the spring as the ground can be worked and secure beautiful long, white-tipped scallions for bunching at one-quarter of the cost in the old way. Please note each seedling produces upwards of from five to thirty or more beautiful long scallions for bunching. By always leaving a two-incher growing in the ground, scallions for bunching will be produced up until the ground freezes up in the winter. It is not uncommon for twenty-five scallions to be produced during the pulling season from a single seed planted in the spring. The eating quality and general appearance is much superior to those grown from seed sown in the fall.

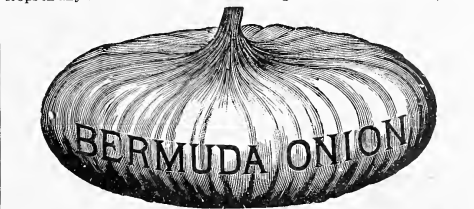
This onion is quite hardy. The plants can be divided and reset in the ground, say 5 inches deep, during autumn, and if well covered with long straw will grow very heavy growth for early spring pulling. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

PHILADELPHIA YELLOW GLOBE DANVERS ONION. This is the standard Yellow Globe variety for winter use in our eastern markets, producing well-ripened bulbs averaging two inches in diameter and nearly globe shaped. Skin a light golden brown or pale yellow; flesh pure white, crisp, and mild in flavor. Our Philadelphia-grown seed is specially selected, the plants having very slender necks and the bulbs ripening uniformly. Other perfectly globe-shaped varieties are being offered, but none so good as our Philadelphia Yellow Globe Danvers. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.25, 10 lbs. and over \$1.00 per lb.

OUR PRICES on Onion Seed are Very Low. This is because we are very large growers and our 1916 crop was unusually large and of good quality.

BERMUDA ONION SEED

We are among the largest importers of Bermuda Onion Seed in the United States, and it is largely through our study of seed that the growers of Bermuda onions in the South have been able to capture the markets with these splendid varieties. Our growing arrangements were largely increased last season. All of our larger customers book their orders months ahead of time, and we advise early delivery of Bermuda onion grower in the South to book their orders for next fall's delivery this spring and make sure of your supply. There is never enough first-class seed of Bermuda to hit the supply of the demand, and it is those who are booked ahead that get their supply without fail. All three sorts yield good crops in any of the States where onions will grow.



White Bermuda Onion. This is the standard variety for market crops for shipping. While it is known as "White Bermuda," it is really a light cream or pale yellow. We make this explanation, as many who grow it for the first time expect to find a pure white onion. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.00, postpaid.

Crystal Wax Bermuda. The finest of all the Bermuda varieties. Its pure, waxy white skin makes it a seller above all other varieties and its mild flavor brings it in favor everywhere that it is known. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.00, postpaid.

Red Bermuda Onion. Our genuine Bermuda Red is the favorite everywhere in the South for home use and Southern markets. It is identical in size, shape and mildness with our White Bermuda. The color is a pale, waxy red, and it is just the right variety in all sections where a red onion is preferred. This variety is more extensively grown for home use and nearby markets than the White. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$1.50, postpaid.

SOUTHPORT LARGE WHITE GLOBE (True Southport Strain). A large, globe-shaped onion; flesh firm, fine grained, of mild flavor; excellent keeper. This is one of the handsomest onions grown; of beautiful form, clear white skin. Our stock is very choice. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c., lb. \$2.50. Connecticut-grown seed.

LARGE RED GLOBE (True Southport Strain). This variety produces large perfectly globe-shaped onions of an extra rich deep red. It brings the highest prices on market, and is very profitable. It is also known as Globe Wethersfield, but is not so early nor quite so hardy. It ripens well in unfavorable seasons as our Large Red Wethersfield, which is of the flattened type. We highly recommend it to all our market garden friends. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SOUTHPORT LARGE YELLOW GLOBE (True Southport Strain). Like the well-known White Globe Onion in size, but with pale, straw-colored skin. A heavy cropper, handsome in appearance, large and sells readily in the market. Our strain is the best obtainable. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 35c., lb. \$1.25, 10 lbs. or more \$1.00 per lb. Connecticut-grown seed.

YELLOW FLAT DANVERS. A leading market variety. Oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

PHILADELPHIA YELLOW STRASBURG, OR DUTCH. Bulbs quite flat, of a good size; skin rich yellow, turning to brown when exposed. Ripens early, and of white mild and of white mild flavor. It is one of the very best to grow for sets. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00, 50 and 100-lb. lots will be quoted on application.

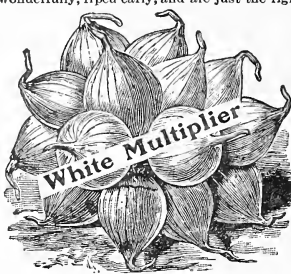
AUSTRALIAN BROWN (Improved Stock). Extra early, a sure cropper, and extra long keeping. The bulbs somewhat resemble the round, yellow Danvers in size and form, but are thicker through, thus yielding a larger crop, both in bulk and weight, and mature earlier. The skin is generally of a bright reddish brown, while the flesh is always white, crisp, extremely solid and of sweet, mild flavor. Bulbs have been kept in a condition a year after they were harvested, and are as good as when selected, and we know there is no better seed offered on the market. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.90.

ALISA CRAIG. A very large, yellow-fleshed variety of onion which is popular with English gardeners. It resembles the American variety, "Prizetaker," but will grow much larger and more globular in form. For producing the largest and best onions of this flavor, keep it in the lobed early in spring, and transplant when of sufficient size. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

ONION SETS

WHITE MULTIPLIER. This variety produces a large cluster of small to medium-size onions from a single bulb, maturing very early in the season. They can be planted in the fall for a supply of early bulb onions. If planted in the spring and left to mature they will increase wonderfully, ripen early, and are just the right size for pickling. They should be gathered just as soon as the tops die down and be spread thinly to dry. Per qt. 25c., per qt. 40c., by mail, postpaid. By express, per qt. 25c., 4 qts. 75c., peck \$1.25, bu. \$4.00.

Philadelphia-grown onion sets are everywhere recognized as the best. We grow each season large quantities of onion sets. These are grown from our Philadelphia seed, which being earlier make sets of better quality than those grown in any other section. Onion sets are subject to fluctuation of the market. They will probably rule about as follows: Customers requiring larger quantities than here quoted will please write for special prices. Add 10c. per quart, 50c. per peck for postage, if ordered sent by mail.



	Per qt.	Per pk.	Per bu.
Yellow Strasburg.....	\$0.25	\$1.25	\$4.50
Yellow Globe Danvers.....	.25	1.25	4.50
James Long-Keeping Yellow.....	.30	1.50	5.00
Long-Keeping White Madeira.....	.35	2.00	7.00
White or Silver Skin.....	.30	1.50	5.00
Potato Onion.....	.30	1.50	5.00
Shallots.....	.30	1.75	6.50
Extra Early Red.....	.30	1.50	5.00
Garlic.....		per lb. 50c., by mail 1 lb. 60c.	
Egyptian or Perennial Tree Onion. Pt. 15c., qt. 25c., pk. \$1.00, bu. \$3.00.			

MUSHROOM SPAWN

The ease with which a crop of Mushrooms can be grown to perfection in an ordinary house cellar, woodshed or barn, and the astonishing success of so many who have taken up this new industry, both for profit and their own use. Full and explicit instructions are contained in our circular "How to Grow Mushrooms Successfully," which we will mail free on application.

AMERICAN PURE CULTURE SPAWN. This type produces larger mushrooms than the English, containing a bearing somewhat earlier.

Prices of Pure Culture Spawn. Standard Bricks.			
Per brick, about 1 1/2 lbs.....	\$0.25	10 bricks.....	\$2.00
Per brick, postpaid.....	.35	25 bricks.....	4.25
5 bricks.....	1.10	50 bricks.....	8.00
Prices of Pure Culture Spawn. Direct Bricks. Very productive sort.			
Per brick.....	\$0.30	10 bricks.....	\$3.00
Per brick, postpaid.....	.40	25 bricks.....	5.60
5 bricks.....	1.25	50 bricks.....	10.50

ENGLISH MILLTRACK. Finest quality, always fresh. Per brick 15c., doz. \$1.50, 25 lbs. \$2.25, 50 lbs. \$4.50, 100 lbs. \$8.00, 1 brick, postpaid, 25c.

VIRGIN SPAWN. (New.) Per brick 30c., doz. \$3.50.

MUSTARD

MONGOLIAN. A variety producing larger and broader foliage and more succulent stems than other sorts; the most decorative and best flavored of all, no other sort has so good.

MAMMOTH SOUTHERN CURLED. A variety producing beautifully curled leaves, which are of large growth; very popular in the Southern States. Per oz. 10c., 1/4 lb. 25c., 1 lb. 75c.

WHITE ITALIAN. Pkt. 5c., oz. 10c., 1/4 lb. 15c., 1 lb. 40.

NASTURTIUM, or INDIAN CRESS

TALL YELLOW. For pickling. Pkt. 5c., oz. 10c., 1/4 lb. 30c., 1 lb. \$1.00.

WAXY TOE TUMBLER MIXED. Very ornamental for the vegetable as well as the flower garden. Pkt. 5c., oz. 10c., 1/4 lb. 30c., 1 lb. \$1.00.

OKRA, or GUMBO

German, *Zschaber*, French, *Gombo*, Spanish, *Quiombo*.

The seeds should be sown quite thinly in drills two or more feet apart. For either cooking or drying the pods must be gathered when young and tender, before any woody fibre is formed.

HOLT'S PROLIFIC DWARF EARLY GREEN STRINGLESS. Our illustration herewith shown is engraved from a photograph, and plainly shows the characteristic prolific character of this excellent variety. It is very early, begins to bear beautiful, slender, smooth pods when not more than 8 inches high. The best and most profitable market sort, very tender, smooth pods. Will remain in full bearing until frost. Pkt. 10c., oz. 15c., 1/4 lb. 40c., 1 lb. \$1.50.

PERKINS' MAMMOTH LONG PODED. Pkt. 5c., oz. 10c., 1/4 lb. 25c., 1 lb. 75c.

IMPROVED DWARF GREEN. Prolific. Oz. 5c., 1/4 lb. 15c., 1 lb. 50c.

KLECKLEY'S WHITE LADY FINGER. (New.) Pods usually long, very slim and tender. Pkt. 5c., oz. 20c., 1/4 lb. 25c., 1 lb. \$1.00.



MARTYNIA

MARTYNIA PROBOSCIDEA. The seed-pods make delicious pickles. Plant in May or June. Pkt. 10c., oz. 30c., 1/4 lb. \$1.00, 1 lb. \$3.00.

PARSLEY

German, *Petersil*, French, *Persil*, Spanish, *Peregil*.

1 oz. for 100 feet of drill.

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, 3 or 4 weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, great care being taken that the drills be not more than an inch in depth and that the seed be well pressed down after sowing. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use in winter.

P
A
R
S
L
E
Y



Paris Market or Giant Curled Parsley. Our Paris Market prior to all other curled varieties in color it is a beautiful brilliant green, leaf fronds large, delicately cut and handsomely curled. The plant is half dwarf, hardy, a heavy yielder, being greatly improved by frequent cutting. It is by far the most profitable sort for market and is adapted to all soils, and the best sort for long-distance shipping. Best for forcing under glass and growing in cold frames. Every parsley grower should plant it. This is the perfection of parsley. It sells for fancy prices. Pkt. 5c., oz. 15c., 1/4 lb. 50c., 1 lb. \$1.75.

Champion Dutch Erfurt. Which we highly recommend for a summer crop, owing to the fact that it will not turn yellow. This is the only true "hot weather or summer green" to be had. Pkt. 5c., oz. 10c., 1/4 lb. 30c., 1 lb. \$1.00.

Sheep Fern Leaved. New, early, dark green, robust grower. Fine summer variety. Delicious large smooth edged roots. Pkt. 5c., oz. 20c., 1/4 lb. 50c., 1 lb. \$2.00.

HAMBURG. Rooted. Long smooth roots, leaves plain. Pkt. 5c., oz. 20c., 1/4 lb. 50c., 1 lb. \$1.50.

EMERALD or DWARF EXTRA CURLED. Double, very fine stock. Pkt. 5c., oz. 10c., 1/4 lb. 25c., 1 lb. 65c.

EXTRA DOUBLE CURLED. Dark green well curled leaves. Pkt. 5c., oz. 10c., 1/4 lb. 25c., 1 lb. 60c., 25 lbs. and over 40c. lb.

PARSNIP

German, *Pastinake*, French, *Panais*, Spanish, *Astinaca*.

1 oz. per 200 feet of drill; 5 to 6 lbs. in drills for an acre.

Sow as early in spring as the weather will admit, in drills 18 inches apart, covering half an inch deep. When well up, thin out to 5 or 6 inches apart in the rows. Unlike Carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, and store as directed for Turnips, leaving the rest in the ground until spring, to be dug up as required.

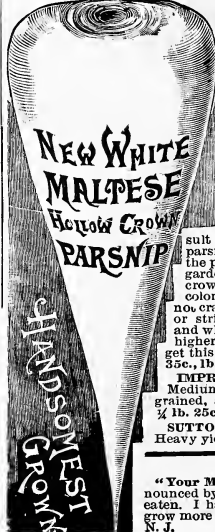
NEW WHITE MALTESE HOLLOW CROWN. This strain is the result of years of careful selection by a noted parsnip specialist in France. It embodies all the points of excellence desirable to a market gardener in smoothness, shape, true hollow crown, extra sweet rich flavor, beautiful white color, and is not too long or too short. It does not crack open and is entirely free from all core or stringiness so common in other varieties and will usually bring from 50 to 100 per cent. higher prices. If you grow parsnips be sure and get this seed from us. Pkt. 5c., oz. 15c., 1/4 lb. 35c., 1 lb. \$1.20.

IMPROVED IDEAL HOLLOW CROWN. Medium length, smooth, hollow crown, fine grained, sweet and pretty appearance. Oz. 10c., 1/4 lb. 25c., 1 lb. 75c.

SUTTON'S STUDENT or LONG SMOOTH. Heavy yielder. Pkt. 5c., 1/4 lb. 25c., 1 lb. 75c.

BEST EVER EATEN

"Your Maltese Hollow Crown Parsnip is pronounced by all my customers the best they have ever eaten. I had in one acre last season what I regard as grow more next."—JAMES S. WILLIAMS, HOBOKEN, N. J.



MOORE'S FAMOUS PEAS

MOORE'S LIGHTNING

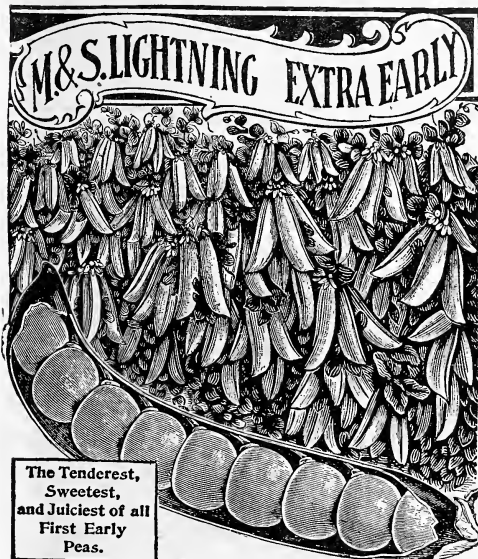
EXTRA EARLY

The Earliest and Most Productive of All Extra Early Peas

ARE PLANTED ANNUALLY BY OVER 20,000 MARKET GARDENERS THROUGHOUT THE UNITED STATES.

This is the market gardeners' favorite early pea; indeed, it is our favorite early pea. We consider it a good friend to all market gardeners. It never disappoints. It is always the first, the best and the earliest in the market. We do not know of any pea that is superior or earlier or would give the market gardener more profit and a greater sale than this variety. There is certainly no pea offered by seedsmen today—and we have tested them all—that can equal it in earliness and uniformity of ripening. It has proven itself to be the peer for many years.

The pods are large, of a beautiful shade of green, covering the plant with astonishing profusion, and well filled with large, smooth peas of a splendid flavor, very sugary and tender.



The Tenderest,
Sweetest,
and Juiciest of all
First Early
Peas.

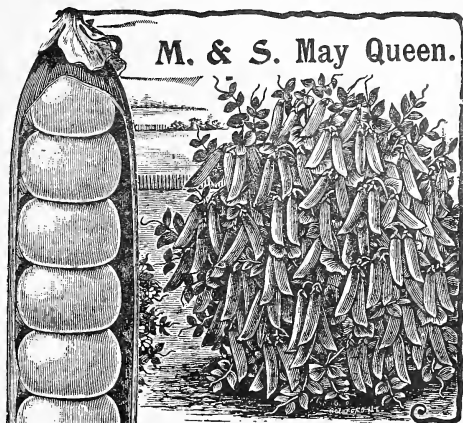
MOORE'S LIGHTNING EXTRA EARLY PEAS

They will be found of equal value for late summer or autumn sowing or where a pea crop is required to come off in the shortest possible time. The entire crop can be gathered in one picking. This valuable sort is so hardy that it can be planted shortly after the frost is out of the ground. Under favorable conditions, peas can be picked twenty-nine days from sowing the seed. The yield of these peas is simply wonderful. Pkt. 10c., pt. 20c., qt. 35c., bu. \$5.50, bu. \$8.00.

MCLEAN'S FIRST OF ALL

This delicious variety originated in England and is the earliest pea ever produced. It is, strictly speaking, an extra early sort, and will mature ahead of the Gradus, Thomas Laxton, Morning Star, Lightning Extra Early, Royal Early or Nott's Excelsior. It is wonderfully productive; a single plant has been known to produce 150 large-size pods. It requires no brush supports in the field, and will produce better on light land and beautiful dark green peas of delicious quality. It is remarkably hardy and should be the first to be planted, and you will have the first peas in market seed to our customers at a very low price. It is remarkably uniform and quite free from sports of any kind. Pkt. 10c., pt. 25c., qt. 40c., bu. \$3.75, bu. \$8.00.

M. & S. May Queen.



MOORE'S NEW PEAS MAY QUEEN

It is the Finest and Most Delicious Dwarf Pea in the World for the Cottage Garden

This grand new blue dwarf wrinkled pea is one of the very best peas we have ever grown. It is extremely early, growing 17 inches, and literally fills itself with large pods, all ripening evenly and of excellent flavor.

It is very early—earlier than American Wonder—testing in forty-six days. When once tried, no other dwarf sort will be grown. No words of praise are too extravagant for this wonderful dwarf blue pea novelty. It is grand beyond description, of delicious flavor and heavy cropper.

We know that all who patron by saying: "I do not exaggerate when I say that this is the very best dwarf pea to grow in a family garden for the table that I ever saw. I congratulate you in placing a pea of its remarkable character before the American people, and I predict for it a bright future."

Its strong points are its delicious richness of flavor and dwarf habits. It is very hardy and flourishes everywhere. It is of uniform height, so smooth and level in its growth that a row resembles a well-kept hedge. It is also a profitable variety for market gardeners; as the pods are large, it fills up a bushel quickly, and brings a very fine price in market. Pkt. 10c., pt. 25c., qt. 45c., bu. \$3.50.

SCOTCH CHAMPION PEAS (New). This delicious variety is a cross between Windsor Castle Marrowfat and the well-known Dr. MacLean. It is now the leading garden sort in Scotland and Ireland where peas of the highest quality only are always in demand. In our annual trials of peas, numbering hundreds of sorts, this has been conspicuous for its astonishing profusion of large dark green pods which are unusually large, handsome and filled with delicious dark green peas of true marrowfat flavor. We have counted from 50 to 60 pods on a single plant. Height 3 feet. Stands in the front rank as a main crop variety. Pkt. 10c., pt. 25c., qt. 40c., bu. \$3.00.

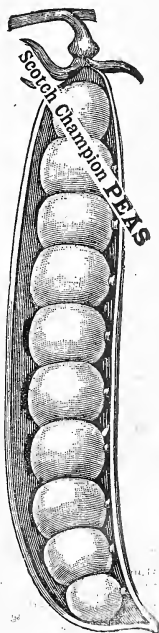
EXTRA EARLY PREMIUM GEM. A dwarf wrinkled variety of Gem type. Pkt. 25c., qt. 35c., bu. \$1.00.

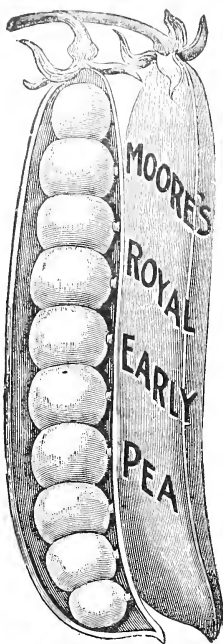
ALASKA. Pkt. 10c., qt. 30c., bu. \$1.75, bu. \$6.50.

EUREKA EXTRA EARLY. Pkt. 10c., qt. 30c., bu. \$1.50, bu. \$5.75.

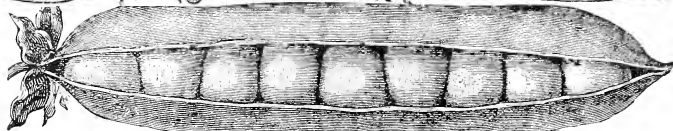
PROSPERITY OR GRADUS. Pkt. 10c., qt. 40c., bu. \$2.75, bu. \$9.00.

DWARF TELEPHONE. A wrinkled, second early, 18 inches, handsome large pods filled with delicious tender peas. Pkt. 25c., qt. 45c., bu. \$2.75.





MOORE AND SIMONS' NEW PEA "PRIZETAKER"



New Pea—Prizetaker. A fine new English sort, having invariably taken all the prizes for quality and productiveness, wherever exhibited; hence its name, "Prizetaker." Plant 2½ feet high, of a branching habit, and vigorous growth; pods long, round and well filled with large peas of very sweet and luscious quality; pods are produced in pairs, usually from sixty to eighty fine pods to a plant can be planted fully as early as our May Queen. Matures in about forty days. Its immense productiveness and fine quality make it an excellent sort for main crop for the family garden and market gardener. This grand new pea is almost a continuous yielder, three full crops are always yielded by it; plants frequently yield 230 pods, and we have no hesitation in pronouncing it the most prolific and finest quality pea ever introduced among second early varieties. Once planted, always planted. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bu. \$7.50.

Moore's Royal Early. This popular new large-podded early pea of finest quality matures pod only two or three days later than the small-podded extra earlies and will be a pleasing revelation to all who plant it. Grows about thirty inches high. It produces uniformly large pods, measuring from four to four and a half inches in length, nearly round, and well filled with very large, hand some, beautiful green peas of fine flavor. The peas remain tender and sweet for some time after they are large enough to use. The illustration herewith was engraved from a photograph, being *exactly natural size*. It is wonderfully prolific. No pea grower for home garden or market should be without it. It is a money maker for all who plant it for first early, second early or fall crop. Pkt. 10c., pt. 20c., qt. 40c., pk. \$3.00.

LONG ISLAND MAMMOTH. Pkt. 10c., qt. 40c., pk. \$2.00, bu. \$7.00.

LITTLE MARVEL. A medium early, wrinkled. Pkt. 10c., pt. 30c., qt. 45c., 4 qts. \$1.75, pk. \$3.00.

THOMAS LANTON. Medium early, large wrinkled pea, two feet in height; large pods well filled with large, delicious peas. Pkt. 10c., qt. 35c., pk. \$2.50, bu. \$9.50.

YORKSHIRE HERO. Pkt. 10c., qt. 35c., pk. \$1.75, bu. \$6.50.

LANTONIAN. Pods long; peas large and fine quality; two feet; extra fine stock. Pkt. 10c., pt. 25c., qt. 50c., 4 qts. \$1.75.

TELEPHONE. Pods round, peas of large size; three feet. Pkt. 10c., qt. 35c., pk. \$2.00.

MOORE'S HOME GARDEN

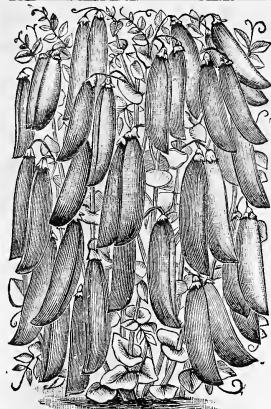
HOME GARDEN
READY TO PICK

THE KING PEA OF THE WORLD

READY FOR MARKET IN 30 DAYS

NO HOME GARDEN WILL BE COMPLETE WITHOUT IT

Moore's Home Garden Pea. If you want a dwarf pea, something growing less than 1½ feet tall, that covers itself with large pods of deliciously rich and tenderly flavored peas, then try Moore's New Home Garden, the prince of early dwarf peas. This is a grand new blue dwarf wrinkled pea. It literally fills itself with large pods, ripening evenly and of excellent flavor. It is very early, testing in 46 days. 1,000 bushels.—Now, that's a great many, but our market gardeners and private planters require Moore's New Home Garden Peas. They say there is no other pea just like it, hence its great demand. It's early, too, and of delicious quality. The distinct merits of this pea over any other variety are its extreme earliness, combined with its abundant production of fine peas of delicious flavor. Its strong points are its delicious richness of flavor, its extreme earliness, its dwarf habit, needing no brushing, and its large-sized pod. One of its distinctive features is its unusually regular habit of growth. It is of uniform height, so smooth and level in its growth that a row resembles a well-kept hedge. It is also a magnificent variety for market gardeners to grow; as the pods are large, it fills up a bushel quickly and brings a very fine price in the market. Pkt. 10c., pt. 25c., qt. 35c., pk. \$2.50, bu. \$9.00.



Moore's Pride of the Market

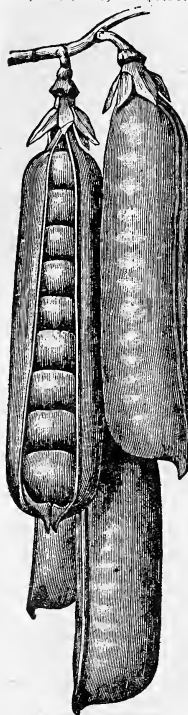
SECOND EARLY-MAN CROP PEAS

Moore's Pride of the Market

This is one of the best of marrow peas. It is a large pea of English origin, growing 18 inches to 2 feet high. It has a robust, branching habit, and requires no sticks. Wonderfully productive. The pods are large in size and extremely handsome in appearance, and the variety is a popular one for market, and equally good for home use. The table quality is excellent. The size, shape and beauty of the fine, large, dark-green pods are shown in the illustration, and we commend it strongly to the attention of truckers, market gardeners and large or small pea growers in general who wish to offer attractive looking produce to their customers. Will please all who plant it.—Pkt. 10c., qt. 35c., bu. \$2.25, bu. \$8.00.

Shropshire Hero

This superb wrinkled pea is a great favorite with many market gardeners, and we do not think there is a better variety now under general cultivation. It attains a height of about 2½ feet, and is esteemed for good quality and productiveness. The pods are long, handsome and wonderfully well filled, and are produced in great abundance. The peas are of unusually large size and delicious flavor; eight to ten to the pod. Pea growers are greatly pleased with the behavior of our Shropshire Hero in comparison with all other varieties, and feel that it cannot be overpraised as a standard medium or late sort for home market. Qt. 35c., pk. \$2.00, bu. \$7.50.



Moore's Marvelous

Moore's Marvelous

A Remarkably Popular Second Early Pea

From 30 to 50 per cent. more prolific than American Wonder, Nott's Excelsior, Little Gem, Thomas Laxton or Gradus. One of the largest podded and earliest of all Wrinkled Earlys.

This is one of the best of the wrinkled peas, and is to-day one of the most famous. It has made an enviable reputation within the brief time that it has been on the market; in fact, it has sprung into universal popularity. It is about as early as the smooth varieties, and far superior to them in both quality and yield. It ranks with the very earliest of the wrinkled sorts. Pods are larger than Gradus and are numerous. The vine grows 20 to 24 inches high, and requires no sticks, and is quite distinct from all other peas in habit of growth and appearance; the vines being unusually robust and stocky. The Moore's Marvelous pea has attracted universal attention, and has everywhere made a splendid record for both quality and quantity. Its sweetness is noteworthy, and it bears a profusion that is truly remarkable. Its dwarf habit and earliness makes it one of the most profitable market peas ever introduced, and nothing superior to it is available for the family garden. Valuable for planting between other crops. Pkt. 15c., qt. 25c., qt. 40c., pk. \$2.50, bu. \$8.00.

MOORE'S BLUEBEAUTY

A New Second Early Pea Showing Remarkable Productiveness

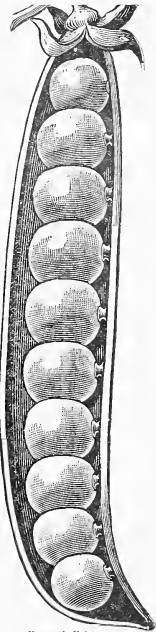
It will surely delight market gardeners as well as private planters. The pods are larger than our famous May Queen peas, twice as productive as Gradus and almost as early, and the seed can be planted as early as Moore's Royal Early. Both the seed and pods are of a pleasing deep-green color and remain so a long time after being picked. While the seed is wrinkled, the peas have a very rich and distinct flavor from all other sorts. Vines are vigorous growth, about 2½ feet high, setting many pods in pairs, and is a prodigious yielder. Ten years testing show it to be the heaviest yielding second early pea grown. On account of its pods of a prodigious quality we are able to offer it at a remarkably low price considering its high and many valuable properties. Pkt. 20c., qt. 40c., pk. \$2.50, bu. \$8.00.

Mammoth Melting Sugar

THE PERFECT SUGAR PEA

Edible Pods. Enormously Productive and Wonderfully Delicious. Unsurpassed by Any Other Sort.

This splendid sugar pea fully maintains its reputation as a choice table variety. It is a novelty of unusual importance. Indeed, our sales of the seed increase year by year. The peas are not shelled, but the pod is eaten like a snap bean. The pods are stringless, and in flavor, brittleness and succulence are unexcelled. The vines are very tall, reaching a height of 5 or 6 feet and requiring support. The full-grown pods are to 7 inches long and 1½ inches broad, and are produced continuously for a considerable period, the vines having great bearing capacity on account of their height. The pods are sometimes sliced for cooking, because of their size, and may be served with butter or white sauce, or broken and boiled like string beans and served with butter sauce they make a dish of surpassing deliciousness. They can be made ready for the table in 10 or 15 minutes, and are good even when quite old. Excellent also for pickles. The sweetness and tenderness of this edible-podded pea insure it a permanent place in the garden. Pkt. 10c., qt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.75.



Mammoth Melting Sugar

New Early Pilot

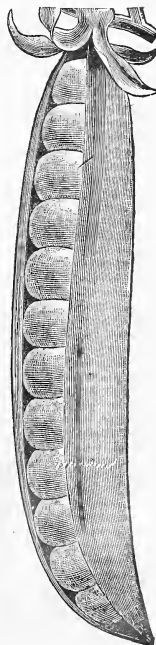
A very heavy yielding early-crop pea, new English variety, growing about 2 feet high, bearing a great profusion of large dark-green pods of exquisite quality. Maturing about same time as Gradus. Pk. 25c., qt. 45c., pk. \$3.00, bu. \$10.00.

Prodigious or Prince Edward

The Giant of the Pea Family

It is called Prodigious on account of the enormous size of its pods. This pea is considered one of the most profitable varieties for the trucker, and as soon as its merits become more largely known, there will be an enormous demand for it from market gardeners all over the country. Even now we can hardly get enough of this valuable sort for our customers.

There are few varieties of seed in this catalog that are better named than this pea. Nothing more nearly expresses its one remarkable characteristic than its name Prodigious. When you consider that this variety will produce pods attaining the extraordinary length of 7 inches and upwards, closely packed with 11 to 13 large, dark-green peas of fine flavor, every reader of this book must admit it is well named. For exhibition purposes it is simply unsurpassed. Exhibited at all the leading shows in England, the last 3 years it has always taken first prize, and it will create just as much excitement in America as it has there. The plant is of branching habit, growing about 8 feet in height, with dark-green foliage. It is of very vigorous and robust constitution, which enables it to withstand drought and midew. The pods are produced in great profusion, mostly in pairs. Prodigious cannot be excelled as an exhibition sort, on account of its striking and very attractive appearance; and will also be in demand wherever there is a call for a pea of robust habit, fine quality and hardy constitution. Market gardeners who do not know Prodigious should give it a trial. There are thousands of our customers who will be delighted to show their friends such enormous pods of peas, the largest, by far, they have ever seen, which in every large size combine rich and succulent flavor. Pkt. 15c., qt. 25c., qt. 40c., pk. \$2.50, bu. \$8.50.

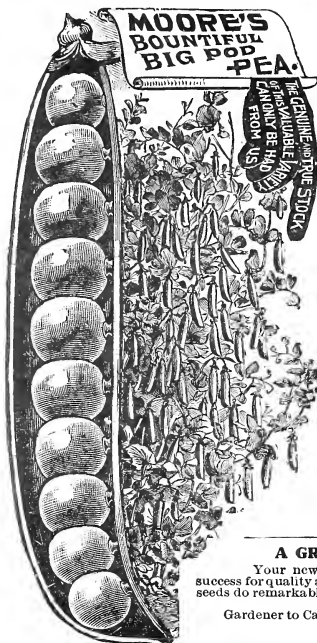


Prodigious or Prince Edward

We grow the Largest Assortment of DELICIOUS

PEAS

of any Seedsmen in America. You will get the World's Best if you buy from us.



Moore's Bountiful Big Pod Pea

This is a grand new acquisition among second early Peas.

It gives us great pleasure to introduce this new English Big Podded Pea to our many customers. The illustration herewith shows the marvelous productiveness of this wonderful new variety. The vines are of strong growth, three feet high, and are of a remarkably branching habit. It is a continuous or everlasting yielder; in this respect it closely resembles our famous Prize-taker. The magnificent large green pods often contain as many as twelve peas, which are of a most pleasing quality and possessing a delicate aroma, so highly appreciated by all epicures and admirers of this, the "Queen of Vegetables." Our Bountiful Pea is far superior to any of its class, and is destined to occupy the front rank with all who want excellence in flavor, large pods and maximum of yield. Very hardy. Pkt. 20c., qt. 35c., pk. \$2.25, bu. \$7.75.

A GREAT SUCCESS

Your new May Queen is a great success for quality and yield; in fact all your seeds do remarkably well with me.

PETER PENDERSON,
Gardener to Capt. H. C. Flemming,
Somers Point.

MOORE'S DAISY. This is truly a gem for the family garden; unsurpassed for quality or productiveness, ten to twelve inches high, the earliest wrinkled sort known. The vine is literally covered with extra fine plump pods, containing from seven to nine green peas of superior flavor. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bu. \$7.75.

IMPROVED STRATAGEM. The pods are long, broad and of exceedingly fine quality, true stock, 2½ feet. Pk. \$2.25, bu. \$8.00.

NEW GIANT PODDED MARROW. About two feet high, and bears handsome pods, filled with large deep green peas. Pkt. 10c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$8.00.

NEW EARLY SUGAR MARROWFAT PEA.



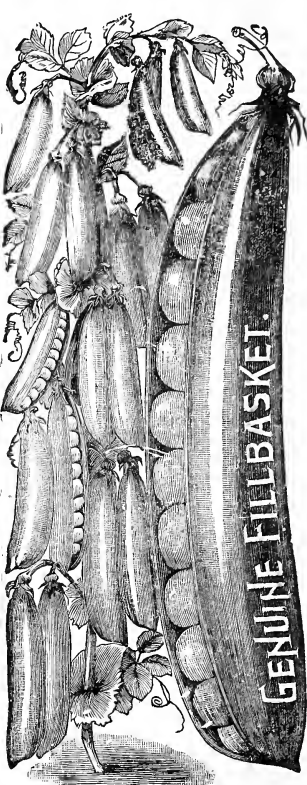
MOORE'S FILLBASKET

Introduced by us in 1896, this grand new Pea has been very much admired. The illustration herewith shows a pod engraved exactly natural size. The vines are of strong, sturdy growth, 2½ to 3 feet high, and of a decidedly branching character and bear an enormous crop of magnificent large dark-green round pods, each containing eight to twelve peas, of remarkable size and very rich and sugary flavor. It has been appropriately termed the "Fillbasket," on account of the extraordinary quantity of large pods that it produces. We have had many letters in praise of its great productiveness, the extra large size of the pods, and the delicious quality of the peas. It is unquestionably the very best large podded Pea ever introduced. Pkt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25, bu. \$8.00.

NOTT'S EXCELSIOR. An extra early, dwarf, wrinkled pea. Pods one-third longer than American Wonder. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bu. \$6.50.

Large buyers of Peas will please write us for special prices, stating quantity wanted.

AMERICAN WONDER. Fine quality, very early, about one foot. Qt. 30c., pk. \$2.00, bu. \$7.50.



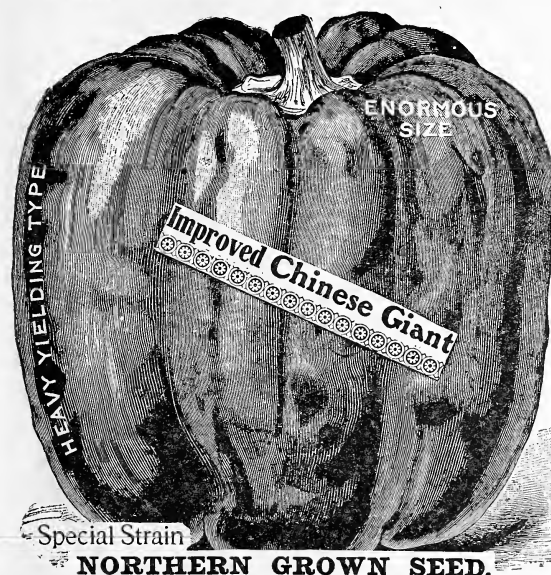
New Early Sugar Marrowfat Pea

In our annual trials of peas, numbering many hundreds of rows, this variety was conspicuous among them all for its astonishing profusion of pods, which are large and handsome and bountifully filled with dark green tender peas of the true delicious marrowfat flavor. In England, where we obtained our stock seed, it is extensively grown by the nobility, who prize the Sugar Marrowfat above all others of its class. It is the earliest of all marrowfats and will satisfy the most exacting who strive for the best quality. We recommend it to all who plant for home use or market; one of our best introductions. Height, two feet. Maturing about one week after our Lightning Extra. Pkt. 10c., pt. 25c., qt. 35c., 4 qts. \$1.25, pk. \$2.00, bu. \$7.50.

YOUR NEW EARLY SUGAR MARROWFAT PEA IS A REAL DAINITY. Its delicious quality is a revelation to all who eat it.

JAMES SYLVESTER WORTHINGTON
Chestnut Hill, Pa.

Moore's Profit-Making Peppers



Chinese Giant

Double the size of Ruby King, and is very productive, so large a pepper, while the enormous size and magnificent appearance of the fruits make them sell most readily. The plants are vigorous in growth, but of stocky habit, seldom more than two feet in height. They are well branched and thickly set with enormous fruits of a rich glossy red color. Frequently half a dozen peppers will touch each other, as if on a single bunch. Our strain is the purest obtainable and produces uniformly beautiful, large fruits which are extremely mild—*sweet as an apple*. The strong growth of the plants enables them to mature the gigantic fruits only slightly later than our well-known Ruby King. True seed from our very best selected strain. Pkt. 10c., 3 pkts. 25c., oz. 50c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

New Tomato Pepper

Our illustration here is an excellent representation of this new red pepper. In shape and general appearance it very much resembles a tomato, so much so that nine persons out of ten, seeing it green or ripe, would at first glance say it was a tomato. Enormously productive, and can be eaten out of the hand like an apple, being of mild and delicate flavor. It stays in bearing right through the season from early June until frost; and bulk for bulk will outyield even such a productive variety as Ruby King two to one, taking the entire season through. If you are raising peppers for profit you should certainly include Tomato Pepper in your order. Pkt. 10c., 3 pkts. 25c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.



Ohio Crimson or Ruby Giant

A sweet and very early pepper of large size. Anyone wishing an exceptional early, large, sweet pepper can have one by planting Giant Crimson. It is the earliest maturing large variety on the market. The plant is vigorous and upright, growing $2\frac{1}{2}$ to 3 feet high, taller than the Chinese Giant and more productive. The fruit is not quite as large as the Chinese Giant. Very sweet, with exceptionally thick heavy flesh. The color is a beautiful deep green when young, turning to a deep crimson when matured. An excellent, large tomato pepper used for stuffing, equally as good for the table. An ideal home garden sort, and for market gardeners who wish a quick basket filler. Also a ready seller on the market stall. Pkt. 10c., 3 pkts. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Red Cherry Pepper

We offer the true type of this variety; the fruit is round as a ball, about one inch in diameter, intensely bright red when ripe and decidedly pungent. Very much used for seasoning and ornamenting pickled vegetables. Some pickle factories use great quantities of this handsome pepper. Pkt. 10c., 3 pkts. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Mammoth Golden Hercules

A giant among the pepper-fruits and the best of all yellow peppers. The fruit has solid flesh of good flavor, mild and pleasant and of a magnificent golden-yellow color. The plant grows uncommonly strong and is extremely productive. There are often at the same time twenty well-shaped fruits on one plant. Its value is increased by the upright growing of the fruits. They are consequently exposed to the sun, mature earlier, and even, during wet weather, they cannot become so easily rotten, as the kinds with hanging fruits, which come too easily in contact with the soil. May be eaten raw and are unexcelled for stuffing. Pkt. 10c., 3 pkts. 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Myers' New Early Ruby King

This is a big and valuable improvement on the old type of Ruby King. From plants set out May 15th the first large peppers for market were picked June 23d. Plant a vigorous grower and is completely laden with large handsome fruits five inches long, which are of a brilliant red color, very meaty, sweet and mild. They carry well and keep in prime condition a long time, and bear abundantly until killed by frost. It fills a long felt want for the commercial grower.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



NEAPOLITAN. Earlier than other large peppers. The fruits average $\frac{1}{4}$ inches in circumference by 4 inches long; they are thick meated and unusually mild and sweet; flesh and skin bright red when ripe; productive, and continue fruiting throughout the season. Pkt. 10c., 3 pkts. 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BEST PEPPERS FOR MARKET

READ. For many years we have made a close study of Pepper growing for market with a view of producing the best varieties for the purpose, and our customers will find the varieties we illustrate herewith embrace all that will be found desirable and profitable.

A GRAND PEPPER

Moore's Mammoth Prizetaker is the greatest large pepper on earth. Thousands of gardeners and southern shippers have found it ahead of any other large variety they have ever tried. If you have not grown it you ought to, as you need it. Sixteen large specimens fill a half-bushel basket. We discovered it growing in a patch of Chinese Giants we were saving for seed in 1890, and at once recognized its many good qualities. We, as well as many hundreds of pepper growers who have grown it, pronounce it in every way superior to the Chinese Giant, and the most valuable acquisition to our list of peppers. It is larger, more symmetrical, earlier, and a better yielder than the Chinese Giant; 821 baskets per acre was its record for 1902, 911 for 1898 and 972 for 1912. In shape it is longer from stem to blossom end than the Chinese Giant, decidedly smoother, and fully 50 per cent. more productive. Never before has there been a variety that produced uniformly such enormous fruits. Our illustration is taken direct from a photograph, and is an exact representation as to shape and great productiveness. The fruits of brightest scarlet, average 4 inches broad by 5½ to 6 inches long. Moreover the fruit sells better than any other large sort, which makes it extremely valuable to the market gardener. Flesh unusually thick and very mild, being entirely free from any fiery flavor. The yield is simply prodigious. We especially recommend it to all our customers who wish the largest good sweet pepper obtainable, who grow for market or long distance shipping, for it sells readily at good prices. In southern New Jersey it is frequently shipped in carlots by single growers. Pkt. 10c., 3 pkts. 25c., oz. 60c., ¼ lb. \$1.30, lb. \$4.50.

ZABASCO. Of tall hush-like growth, producing an immense number of small, slender, very hot and fiery fruits one inch in length and vivid scarlet in coloring. This is the variety from which the famous *Zabasco Sauce* is made. Will not always ripen fruits as far north as Pennsylvania. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.50.

New Cardinal Potherb Pepper. This is just the right thing for hunching with potherbs, neither too long nor too small; color a rich, glossy cardinal red. Strong and pungent. It is the most productive pepper we ever saw. Our illustration gives an excellent idea of its habit of growth. (See illustration.) Market gardeners will find this the ideal sort for potherbs. Pkt. 10c., 3 pkts. 25c., oz. 40c., ¼ lb. \$1.00, lb. \$3.00.

Moore's Selected Ruby King

Introduced by us 20 years ago. Plants grow two feet high and bear a fine crop of handsome extra large scarlet fruits. The flesh is quite thick, sweet, and so mild that the peppers may be eaten from the hand like an apple. Especially fine for mangoes. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

Shaw's Early Bull-Nose or Early Sweet Mountain

This has proven to be the acme of perfection in the way of a Large EARLY Bull-Nose Pepper. Mr. Shaw is a well known grower in Burlington Co., N. J., and frequently ships this pepper in car lots to New York, Boston and other large cities, where it sells for good prices. It is a standard and favorite sort with all pepper growers who know it. A wonderfully good bearer, fruits early, pretty green color turning to a brilliant red at maturity. Entirely mild, of large size and thick flesh, comes well, sure cropper, and desirable in many other ways. A big improvement on the old type of Sweet Bell Pepper. Pkt. 5c., oz. 30c., ¼ lb. 85c., lb. \$2.50.

Moore's Southern Shipper

This is a highly valuable New Pepper, carefully bred and selected to meet the requirements of growers who ship their peppers in crates or small packages. The shape and size, which is approximately shown in our illustration, enables it to be packed to show up to better advantage in six and eight basket carriers than any other variety hitherto produced. It has become a great favorite with commission houses, dealers and consumers. Owing to these conditions it finds a more ready sale, and at higher prices than either the Ruby King, Newpitted, Sweet Bull-Nose or Chinese Giant. It stands pre-eminent as a shipping sort and is also desirable for home market. It is a money-maker for the grower, and we highly recommend it to all who grow peppers for profit. Single plants carry from 40 to 50 marketable fruits at one time. It develops quickly, is long continuous yielder and of great value to the market grower. Pkt. 10c., 3 pkts. 25c., oz. 40c., ¼ lb. \$1.00, lb. \$3.75.



Pedrick's New Early Prolific Pepper

The EARLIEST and Most Productive Large PEPPER in Cultivation. No grower of peppers will be disappointed in this grand new variety. Its earliness compared with any other sort is astonishing, and its yield is almost beyond description, and like our Moore's Mammoth Prizetaker Pepper introduced by us in 1904, it has come to stay, and will prove a source of much profit to all who plant it. It is fully three weeks earlier than the Chinese Giant or Ruby King, and about five days earlier than the Newpitted, and notwithstanding its earliness it will continue to yield fine large peppers, which are longer and narrower than Ruby King, up until frost. Mr. Pedrick had one plant that yielded 827 full-sized fruits during the season. To get best results the fruits should be removed from the plants as fast as fully grown. The size and yield will thus be fully maintained through the season. They carry and keep well, the flesh is thick and smooth, slightly pungent, and a glossy, brilliant red when ripe, and being first in market secures the highest price. Pkt. 10c., 3 for 25c., oz. 40c., ¼ lb. \$1.25, lb. \$4.50.

Italian Early Red. This valuable new variety is the earliest type of Bull-Nose in cultivation. It is valuable alike for the amateur and market gardener. In size it is about the same as the old Sweet Bell or Bull-Nose. It is wonderfully productive. The plant is a perfect mass of peppers which are of a beautiful glossy red, and a continuous yielder. It is a highly profitable sort for the market gardener, either for the home market or shipping, and either for the northern or southern grower. The early peppers are in great demand at very high prices wherever known. Flesh is extremely mild and sweet; continues to bear freely until frost, and carry well. While young the fruits are of a beautiful emerald green and carry long distances perfectly. It is one of the best peppers for you to plant if you wish to make money. Pkt. 10c., 3 pkts. 25c., oz. 40c., ¼ lb. \$1.00, lb. \$3.50.



POTATOES

Grown for seed in the far North. 10 to 12 bushels to the acre. 1 peck will plant about 125 hills. Michigan Grown Seed Potatoes.

Our seed potatoes have been carefully grown, especially for seed, on light, sandy loam, entirely free from all disease, in the extreme north of the State of Michigan, and will give the best possible results to all who plant for private use or profit. Prices vary with the market. Special prices given by letter on lots of five barrels and over. We give full legal weight.

...Advantages of Changing Seed Potatoes...

There is no other crop that we raise that is so much benefited by the introduction of fresh seed from time to time as the potato. They seem to take on new vigor and power wonderfully, provided the change is to a well-selected stock, and the further north it is grown, the better. Our best customers will not plant their own raising of seed at all, but buy of us every year. They can grow nearly double the crop on the same land that they can from their own raising, and the tubers are smoother, handsomer and of better quality and more salable in the markets. A good change of seed always pays. The yield is frequently doubled thereby.

Potatoes by mail. The price of all varieties is 35c. per lb. or 3 lbs. for \$1.00, correctly labelled, and sent, postpaid, to any address in the United States.

FILLBASKET EXTRA EARLY Originated by crossing our famous Snowball and Quick Crop. The Fillbasket Potato soon proved itself to be a very popular and profitable sort for home use and shipping and has forced its way among our largest planters. Those who grow it for market find it to be twice as profitable as Early Rose, Hebron, Triumph or Early Ohio. It always commands a higher price than other sorts and besides it is an enormous cropper, as our photo illustration shows. It is, as its name would suggest, a remarkably quick grower, of the most approved shape—viz., a very smooth, full tuber, with no slim points nor projections to waste in preparing for the table, or waste in handling. Sufficiently elongated to make a good baker, it is not too much so to serve well boiled. It is an ideal general purpose potato. In color, it somewhat resembles the Prince Edward Island Rose. When cooked, the flesh is pure white, dry and flaky. 1/2 pk. 65c., pk. \$1.00, 1/2 bu. \$1.75, bu. \$3.00, bbl. \$7.50.

NEW EXTRA EARLY POTATO. The Bovee A GREAT CROPPER.

It takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. It is even earlier than Early Ohio, and compares favorably with Triumph True stock. Pk. \$1.00, bu. \$2.85, bbl. \$7.00.

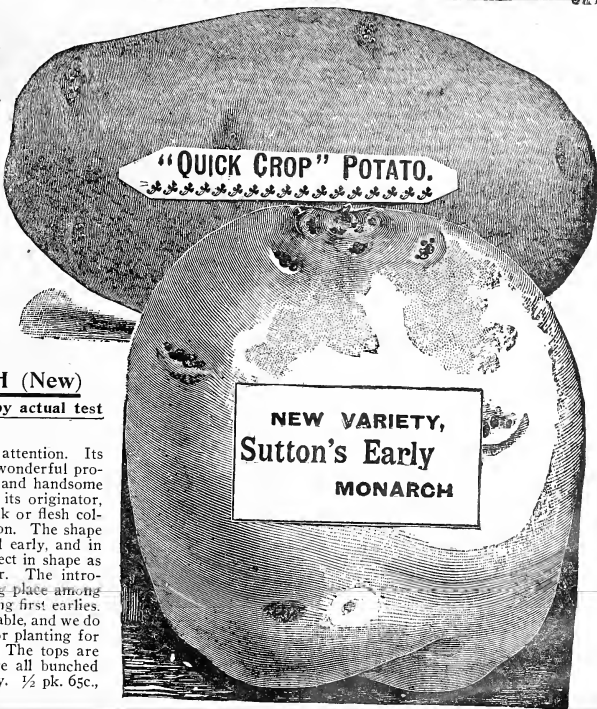
QUICK CROP VERY PROFITABLE FOR EARLY MARKET.

It is several days ahead of the Early Rose, and is a special favorite with farmers and market-men. Maturing early, brings highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. Skin a delicate pink color. They keep firm until late in the spring. Many of our Southern growers plant this variety almost exclusively for early shipment North. With heavy manuring, close planting and good culture, a very large and profitable yield can be expected; 300 to 500 bushels per acre is not an unusual yield. Pk. \$1.00, bu. \$3.00, bbl. \$7.50.

SUTTON'S EARLY MONARCH (New)

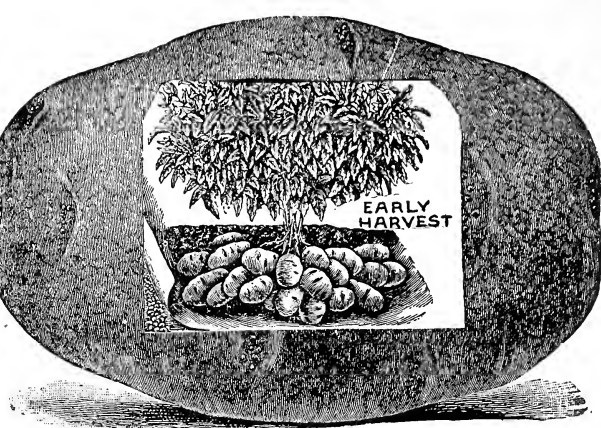
Under ordinary cultivation, this variety has by actual test produced 463 bushels per acre.

This new early potato is now attracting wide attention. Its points of excellence, as claimed, are its earliness, wonderful productiveness, vigor of growth, quality, smoothness and handsome shape and appearance. It receives its name from its originator, Mr. Sutton, a noted potato hybridizer. It is a pink or flesh colored potato, of the shape indicated by the illustration. The shape is very uniform. It matures from early to second early, and in table quality is white, dry and mealy. It is as perfect in shape as the Snowball, and probably about one week later. The introducer says that the Early Monarch takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. Our own observations on Early Monarch are favorable and we do not hesitate to commend it highly. As a variety for planting for second early or late crop, it is without an equal. The tops are comparatively short and stocky, and the tubers are all bunched together in the hill, and are of good size and quality. 1/2 pk. 65c., pk. \$1.00, 1/2 bu. \$1.75, bu. \$3.00, bbl. \$7.50.



New Early Harvest Potato

This exceedingly promising new potato was sent out for trial to some of our customers, under the name No. 57. The reports received were very flattering. The name, Early Harvest, is bestowed in honor of its originator, Clyde Somerset, a leading potato specialist of New York. It is handsome, medium early, highly prolific and very desirable in every respect. In character, Early Harvest potato has the same parentage as Empire State. It is somewhat on the order of the Beauty of Hebron, but is the same shape as the Quick Crop, some of the blood of the M. & S. Early Snowball flows in its veins. In a word, it is high bred all over. The eyes and sprouts indicate vigor and faithful strength, and the table quality is superb; last, and most important, it is a heavy cropper. Mr. Wm. Parsons, an experienced potato grower of Delaware Co., Pennsylvania, who has grown the Early Harvest for several years, says: "It has, in fact, for several years outyielded all old standard and new varieties." He, moreover, testifies that the tubers are free from both blight and rot, owing to the vigorous growth. The vines are brimful of fresh vitality, and we recommend Early Harvest as a money maker. From our personal observation we highly endorse it for light sandy land and sandy loams along river bottoms. $\frac{1}{2}$ pk. 60c., pk. \$1.00, bu. \$3.00, bbl. \$7.50.

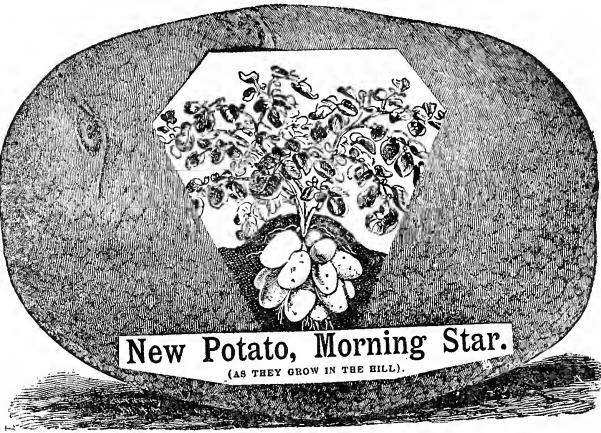


New Morning Star

This handsome new variety is the finest in quality of all the long shaped early potatoes as well as the very earliest variety combining large size. We have tested it several years and find it earlier than the Houlton or P. E. Island Rose, fully as large, and vastly more productive. The color is a very light pink. Its exceedingly fine table and cooking qualities make it a great favorite with all housekeepers and growers as well. We have several records of yields exceeding 550 bushels per acre. The tops die down quickly after maturity, which allows the ground to be prepared early for a second crop; consequently of great value to market gardeners. We know all our customers who plant it will be well pleased with it. Another valuable feature is, it is adapted to all kinds of land. Please order early. Pk. \$1.00, $\frac{1}{2}$ bu. \$1.75, bu. \$3.00, bbl. of 165 lbs. \$7.50. Special prices for large quantities will be quoted by letter.

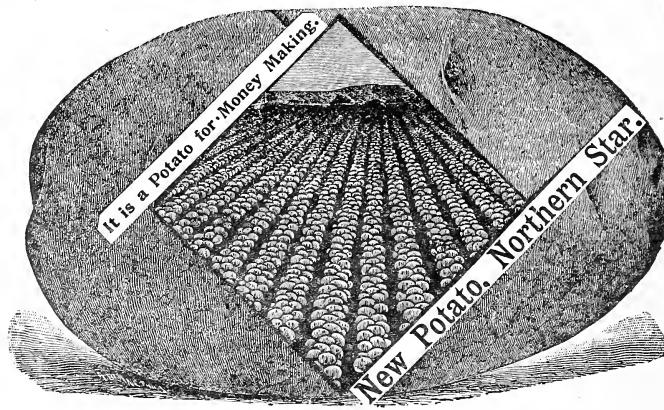
Improved Gold Coin

The originator claims it to be extremely hardy, most vigorous in growth, most productive, and the best in table quality of all potatoes. It has proved to be absolutely unequalled for main crop. The vines are strong, with exceptionally luxuriant deep-green foliage, making a healthy growth when other varieties are cut down by blight. The tubers are of good size and lie closely together in the hill. The eyes are small and there is but little waste as well as the flesh is fine grained, of a pure pearly whiteness, and cooks to a dry floury whiteness. Unlike most of the main-crop or late sorts, which need to be well dried out before they will cook properly, these new "Gold Coins," even when freshly dug, cook dry and mealy. Its great productiveness makes it the most profitable variety for the planter. Pk. (15 lbs.) \$1.00, $\frac{1}{2}$ bu. \$1.75, bu. (60 lbs.) \$3.00, bbl. sack (165 lbs. net) \$7.50.



Northern Star

For main crop. This grand variety originated near Van Buren, Arnooscook County, Maine. So eager were potato growers to obtain seed of it that they paid \$25.00 per barrel for it, and considered it cheap at that. The vines are strong with exceptionally deep green foliage, making a robust healthy growth, where other sorts are cut down by blight. It has proved unequalled for main crop, and for a fall or winter crop it will bring a higher price than any other sort. It is the quickest and finest cooking late potato we ever tested as well as the most delicious in flavor. Flesh fine grained, and of a pearly whiteness, and cooks dry and floury. Even when freshly dug it cooks dry and mealy. It has produced at the rate of 800 bushels per acre, which makes it a very profitable variety for the planter. All who have seen it pronounce it the handsomest and best of all the main or late crop varieties. It will pay every potato grower to plant one or more barrels of this magnificent variety so that they can sell seed to their neighbors at top notch prices. As a keeper we have had it in perfect condition as late as August 28th. Don't fail to include it in your order. Our word for it, the more the better for you and your bank account. Pk. \$1.00, $\frac{1}{2}$ bu. \$1.75, bu. \$3.00, bbl. \$7.50.



NEW JERSEY SEED SWEET POTATOES

New Jersey grown Sweet Potatoes are everywhere acknowledged to be the best in quality, being much dryer and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead, and will always bring the highest market price. We make a specialty of seed sweet potatoes, growing our stock exclusively in New Jersey. We pack for shipment in boxes and barrels, with greatest care; but wish it distinctly understood that customers take ALL RISKS after we deliver in good condition to the express or railroad company here. Sweet Potato Plants are ready to ship about May 1st to June 1st.

EXTRA EARLY CAROLINA, JERSEY "UP-RIVERS," EARLY NANSEMOND and NEW EXTRA EARLY ACCOMAC. Each, per pk. 80c., bu. \$2.50, bbl. \$4.50.

Plants of the above ready May 1st; 60c. per 100, by mail, postpaid; by express, 40c. per 100, \$2.50 per 1,000.

NEW GOLDEN SWEET. It is better adapted for cultivation in the Northern States than any other variety. Price, per pk. \$1.00, bu. \$2.75, bbl. \$5.00. Price of plants, ready May 1st, \$1.00 per 100, by mail, postpaid; 75c. per 100, \$4.00 per 1,000 by express.

KNISEL'S RED QUEEN. An excellent short or chunky variety with pretty red skins and deep yellow flesh. Very productive and good keeper. Generally regarded as the best eating sort of all. Plants ready about May 1st; 65c. per 100, by mail, postpaid; by express, 40c. per 100, \$3.00 per 1,000. No tubers for sale.

The Improved Vineland Bush Sweet Potato is shorter and more chunky in shape than the old variety. It originated on the farm of John Maytrodt, the extensive sweet potato grower of New Jersey, from the well-known Early Nansmond and old Vineland Sweet Potato. It is a perfect bush, with no inclination for spining, resembling a bean bush very closely. They are most abundant bearers, good flavor, handsome rich yellow color and excellent keepers. Customers say: "They're a great improvement over all other vineless potatoes."

Plants of the Improved Vineland Bush Sweet Potato ready about May 1st; 50 for 60c., 100 for \$1.00, by mail, postage paid, 75c. per 100, \$4.00 per 1,000, by express. (500 plants at 1,000 rates.)

We will make special prices by letter for larger quantities—write us before you buy. We are headquarters.

A Marvel in Vigor!

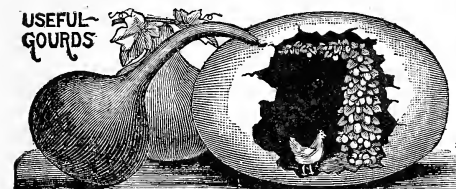
Health and freedom from disease.

Bush Sweet Potato

603 Bushels per Acre

NEW VINELAND BUSH SWEET POTATO.

USEFUL-
GOURDS



Japanese Nest Egg. These exactly resemble the eggs of hens, making a capital nest egg; superior to eggs, as they do not break and are unimpaired by cold. The plant is a rapid climber. Pkt. 5c., oz. 30c.

Dipper. Named for its resemblance to a dipper. The capacity varies long. They are convenient for dipping hot liquids, etc. Pkt. 5c., oz. 25c.

Sugar Trough. Very useful for baskets, dishes, buckets, etc. and capable of holding from two to ten gallons each. Pkt. 5c., oz. 25c.

FINE MIXED. A large collection of the most ornamental and useful, including all the above. Pkt. 5c., 7 pkts. 25c.

DOMESTIC-COFFEE-BERRY



DELICIOUS COFFEE
CAN NOW BE GROWN
BY EVERYBODY AT
1¢ A POUND.

GEORGIA SWEET

PROLIFIC

GROUND

PEANUT OR CHUF

This remarkable variety is easily grown and combines the following good qualities, viz: Earliness, size and prolificness. Makes valuable forage for stock. Color of nut is white, large and of rich flavor. Growers of the "peanut" have always found ready sale at remunerative prices for their product. It does not require a rich soil. Plant in April, two inches deep, cultivate same as potatoes. Pkt. 10c., pt. 25c., qt. 40c., postpaid.

AFRICAN MOSQUITO PLANT

Banish the pests from their haunts.

Travelers in the interior of Africa have long noted how exempt were the bodies and dwellings of certain races in the interior of the "Dark Continent." It was ascertained that the natives bathed their bodies in a tea brewed from a certain plant and kept small dried bundles and sometimes living specimens of a certain plant in their

abodes, the pleasant odor of which effectually kept all mosquitoes at a safe distance. Cultivate same as any hardy flower; height



NURSERY AND TRIAL GROUNDS

The plant grows readily in pots or in any kind of soil. It is ornamental, and possesses a delightful odor. Pkt. 10c., 3 pkts. 25c., oz. 50c.

GET FANCY PRICES AND BIG MONEY FOR EARLY TRUCK.



This will be found an excellent substitute for glass (at one-tenth the cost) in protecting from frost all kinds of seeds and plants on which glass sashes are used in early spring. The patent treatment given the cloth fills the threads and fibres and preserves them from decay, and, to some extent, sheds rain. It is of great value to market gardeners and florists who grow either hardy or tender plants. We have supplied it to our customers in all sections of the country, and with hardly an exception have had gratifying reports from its use. We have found it excellent in protecting and forwarding all kinds of seeds and plants for which glass sashes are used in early spring, etc. It will be found to be of great value to our customers, especially in the South, who grow cabbage, egg plants, lettuce, pepper, tomato and other plants that have to be transplanted. All our grades are of extra quality, one yard wide, and with proper care it will last for a number of seasons. If by mail, add 5c. per yard for postage.

LIGHT GRADE. Valuable for shading from intensity of the sun. Per yd. 8c., by the piece of 70 yds. 7c. per yd. **MEDIUM GRADE.** The best for general purposes in the Middle and Southern States. Per yd. 13c., by the piece of 40 yds. 12c. per yd. **EXTRA HEAVY GRADE.** We recommend this for north of Pennsylvania. Per yd. 18c., by the piece of 40 yds. 17c. per yd.

PUMPKIN.

German, Kurbia—French, Courge—Spanish, Calabaza

25 lbs. for 40 to 50 hills 40 to 100 for 200 to 300 hills

LARGE CHEESE. Of fine grain and excellent flavor Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

TENNESSEE SWEET POTATO. Of medium size, pear shaped, color, creamy white, lightly striped with green flesh, thick, creamy white, fine grained, dry, brittle and of excellent flavor. When cooked it has somewhat the appearance of sweet potatoes but of more delicious taste. Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

CASHAW. Long, yellow crookneck.

NEW JERSEY SWEET POTATO. Flesh a rich yellow color, solid, fine-grained, very thick, sweet and excellent for pies and baking. Very hardy and productive. Extra good keeper. Bugs seldom bother it. Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

GENUINE MAMMOTH, or TRUE CHILIAN (also called KING OF THE MAMMOTS). It grows to an enormous size, three feet or more in diameter, and one hundred to two hundred pounds or more in weight. Pkt. 10c, 1/2 lb. 30c, 1 lb. 85c.

WINTER LUXURY PUMPKIN. Few, if any, pumpkins can equal the Winter Luxury for cooking—in fact, one of our growers who knows all varieties, is emphatic in stating that "it is the best pumpkin grown for pies. The flesh is very thick, sweet and fine-flavored, making the most delicious pies." Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

JAPANESE PIE PUMPKIN. The seed cavity is extremely small. The seeds are curiously sculptured in the manner of Chinese letters. It is a very productive variety, ripen early, of medium size, good keepers and weigh fifteen to twenty pounds each. The flesh is a rich, salmon color, unusually fine grained and when cooked or stewed is almost as dry and mealy as a sweet potato. Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

MAMMOTH GOLDEN CASHAW (new)

The flesh is a rich yellow color, solid, fine-grained, very thick, sweet and excellent for pies and equally good for baking. They are very hardy, bugs seldom bother them. Can be grown among the corn and yield a much heavier crop than most other sorts. Pkt. 5c, 1/2 lb. 25c, 1 lb. 60c.

LARGE COMMON YELLOW FIELD. Easily grown alone or the corn. Oz. 5c, 1/2 lb. 25c, 1 lb. 60c, 10 lb. \$3.50.

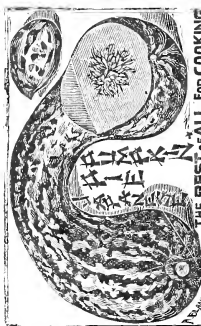
NEW GOLDEN SUGAR. One of its best yellow pie pumpkins. They are round in shape and very slightly ribbed, the color is of a rich golden orange color, very beautiful; flesh of extra fine flavor, cool, soft and tender. It is a splendid keeper. Pkt. 5c, 1/2 lb. 25c, 1 lb. 75c.

MAMMOTH ETAMPES RIGHT RED. This giant variety, also from France, is quite celebrated and has been grown in this country to an enormous size. It is of a bright, glossy red color, a splendid keeper. Pkt. 5c, 1/2 lb. 25c, 1 lb. 85c.

THANKSGIVING PUMPKIN. On account of the extra thickness the yield in pounds is double that of other kinds. The flesh is orange in color, fine grained, sweet and has the delicious pumpkin flavor essential to the making of first-class pumpkin pie. The name "Thanksgiving," was suggested by the almost universal custom of having pumpkin pie at the Thanksgiving dinner. Pkt. 5c, 1/2 lb. 25c, 1 lb. 85c.



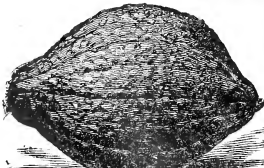
Bright Red Diamond



THE BEST OF ALL FOR COOKING



Mammoth Golden Cashaw



New Jersey Sweet Potato.

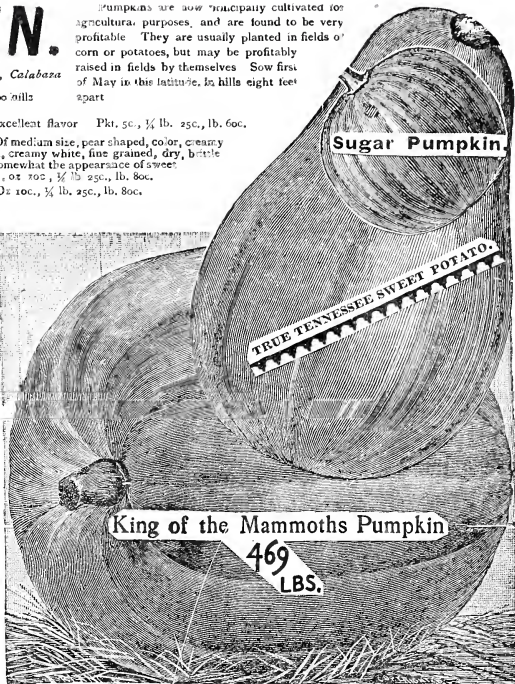
Best variety to grow for exhibition purposes. Pkt. 5c, 1/2 lb. 25c, 1 lb. 85c.

YANKEE COW PUMPKIN. This valuable pumpkin will be found a great boon to farmers with dairies, large or small. It greatly increases the flow of milk besides imparting to it a rich yellow color and really adds to the flavor and color of the butter of all cows fed upon it. Twelve tons to the acre is no unusual yield. If land be manured liberally a full crop can be grown among corn. It is a most excellent keeper and will be sure wealth to all who grow and feed it liberally. Oz. 10c, 1/2 lb. 25c, 1 lb. 75c, 5 lbs. \$3.00.

THANKSGIVING PUMPKIN. On account of the extra thickness the yield in pounds is double that of other kinds. The flesh is orange in color, fine grained, sweet and has the delicious pumpkin flavor essential to the making of first-class pumpkin pie. The name "Thanksgiving," was suggested by the almost universal custom of having pumpkin pie at the Thanksgiving dinner. Pkt. 5c, 1/2 lb. 25c, 1 lb. 85c.

Pumpkins are now constantly cultivated for agricultural purposes, and are found to be very profitable. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in the latitude. In hills eight feet apart.

Sugar Pumpkin.



There is Big Money for you in growing this Pumpkin.

Yankee Cow Pumpkin.

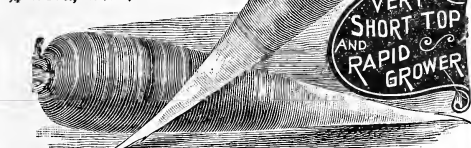


Thanksgiving Pumpkin.

All Our Seed is Grown From Transplanted Roots Only, Which Insures the Greatest Possible Perfection
Our Seed Will, Therefore Give Much Better Satisfaction Than That Obtained Elsewhere

MOORE'S QUICK SELLING

The seed of this new variety was originally sent to our Mr. Moore by a friend residing in China. Samples of the seed were distributed for trial among some of the leading radish growers, with the general verdict that it was the "quickest selling radish" they ever had; hence we named it "Quick Selling Radish." Our illustration shows its natural size and shape. The color is a very brilliant and attractive red, flesh very crisp and tender; usually matures in twenty-eight days from time of sowing. It is the most valuable new radish introduced for many years. The appearance is at once striking to all, and it should be grown by every market gardener and amateur. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1 lb. 70c, 5 lbs. \$3.00.



THE BEST HE CAN GET

We have been using your forcing vegetable seeds in our thirty greenhouses for the past twelve years with great satisfaction. Your Red Strawberry and White Hot House Radishes are the best we can get.

SPENCER CUMMINGS, Beideman, N. J.

M. & S. NEW RED STRAWBERRY RADISH. It gives us great pleasure to introduce this unusually delicate red radish to our many thousands of customers. Its beautiful glowing crimson color, size and shape causes it to bear a striking resemblance to certain varieties of strawberries, hence its name. It is unquestionably the handsomest small red variety ever produced. The flesh is pearly white which forms a strikingly beautiful contrast with the glowing crimson color of its skin and beautiful delicate green color of its small, short leaves. It is the earliest, handsomest, finest, juiciest, tenderest, sweetest and best small radish ever grown. It is equally valuable for market gardeners or home use, either for forcing under glass or open ground culture, and under proper conditions it can be planted any month in the year. Pkt. 5c, oz. 10c, 1/4 lb. 35c, 1 lb. \$1.00.



THE ONLY PERFECT ROUND WHITE FOR OPEN GROUND. It is entirely distinct from any other white turnip variety. Its points of superiority are remarkably short top and rapid growth, perfect globe turnip shape, short and very small top root, extra fine quality and showing no disposition whatever to become pithy with age, remaining solid and juicy long after fully grown. Owing to its very new short leaves it can be grown very closely in the row without causing the leaves to "draw".

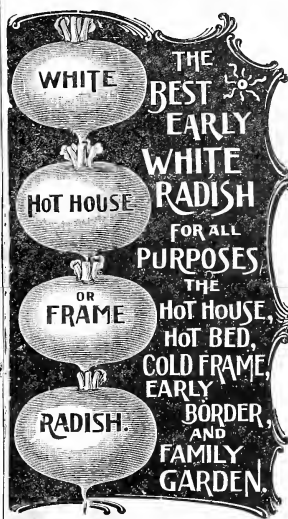
THE GENUINE TRUE STOCK
CAN ONLY BE HAD
FROM US



Bright Red Forcing Turnip Radish

BRIGHT RED FORCING TURNIP RADISH. This is unquestionably the best red forcing variety for growing under glass; also very desirable for outdoor planting. It is of a brilliant scarlet color, with very short and small leaves, tender, crisp, and in quality all that could be desired. Will mature in twenty-eight days, and can be grown very thickly in the row, unlike other sorts, it sells well throughout the year. Should be pulled when not more than 10c, 1 lb. 35c, 1 lb. \$7.00.

WHITE HOT HOUSE



We have never been able to offer to our patrons an early white radish which possesses in a marked degree so many desirable qualities as this, for growing in the greenhouse, hot bed, cold frame or early border. The color is pearly white, symmetrical shape, remarkably short top, very solid and rapid growth. It is the ideal white radish for all the above purposes. It possesses very little pungency, is remarkably sweet, tender and juicy. This is the best, early white radish ever produced, and it is the only white radish that can be successfully grown under glass where heat is used. Its extremely small top allows it to be grown closer together than any other white variety. As a market variety its beautiful shape and pearly white color cause it to out sell all other white sorts. Pkt. 5c, oz. 10c, 1/4 lb. 35c, 1 lb. \$1.00.



M. & S. NEW PINK LADY FINGER. They grow perfectly straight and smooth, and from four to five inches in length. Their attractive rosy pink color is very thin and the flesh is crisp and brittle, and of delightfully mild pungent flavor; it has a clear, waxy, transparent appearance, top short, stands a long time before going to seed. Without doubt it is the finest Long Pink Radish in cultivation, and out sells any other that is put in competition with it on any market. Being long standing it is also an *extra fine sort for the home garden*. It may be sown all summer at intervals of two weeks. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1 lb. 75c, 5 lbs. \$3.25.



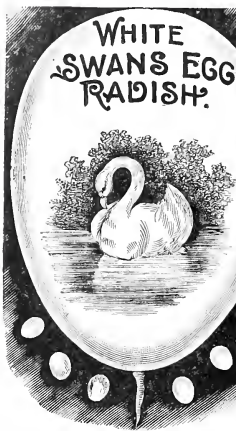
M. & S. NEW CALIFORNIA CHERRY RADISH. This strikingly beautiful variety is from California, where it is known as the "Cherry Radish." It is an excellent sort to follow our delicious strawberry radish, and cannot fail to delight all who are so fortunate to plant it, and we hope every one of our customers will. This delicious radish is excellent for all purposes on account of its earliness, crispness and great beauty. It makes a fine garnish for any table. It sells readily and quickly at good prices in any market and makes an exquisite sort for the family garden. Pkt. 5c, oz. 15c, 1/4 lb. 50c, 1 lb. \$1.50.

For Market Gardeners, Farmers'

Clubs and Institutions

wanting to purchase seeds in large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities wanted, and we will return promptly with our LOWEST COST PRICE.

White Swan's Egg Radish

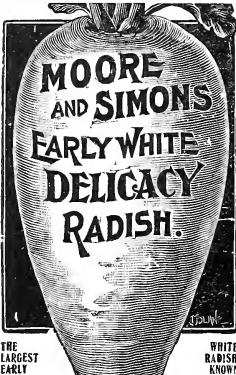


This is a wonderfully good sort for late summer and autumn use, and it gives us pleasure to recommend it to all our customers. Seed should not be sown before July 1st in this latitude. It is the sweetest of all radishes. We, however, especially recommend it as the best of all winter radishes to be sown early in August, the skin and flesh are both *non-white, crisp, brittle and of best quality*. Our illustration faithfully shows its shape, and all who plant it will be delighted. If buried like apples or potatoes it will keep in perfect condition until spring. Excellent market sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. \$1.00.

New White Icicle

The flavor of this new variety is very mild. The top is quite short, flesh very crisp, tender,

juicy and is very attractive when bunched. It matures in about thirty-seven days from the time of sowing the seed and remains in prime condition for eating for fully two weeks. For the cottage garden or market purposes we consider it a great addition. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. \$1.00.

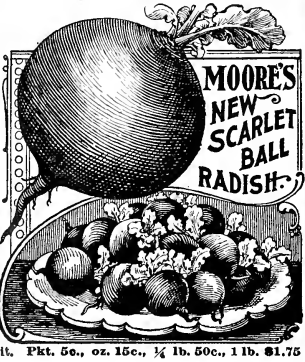


New Early White Delicacy

This new sort is a cross between Wood's Early Frame and our Improved White Strasburg. A most distinguishing characteristic is its rich, waxy appearance. The color is pearl white, with the waxy appearance above described, and the texture is very firm and solid. It is about one week later than Simon's Solid Ivory, but after they are ready for marketing they remain in eatable condition fully two weeks before they show signs of going to seed. Top short, flesh mild and crisp. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. 90c.

Moore's New Scarlet Ball

This is a very distinct and highly desirable new radish of our own introduction and one which we recommend to every grower of radishes. Shape perfectly spherical, very small top root, short, small leaved and a very attractive vivid scarlet color; flesh pearly white, solid and deliciously crisp, mild and tender. It attains about twice the size of our celebrated Bright Red Foreign Turnip. It positively will not grow hollow or pithy; remains deliciously crisp and juicy for weeks; a fine market variety for any season of the year. Well adapted for sale or warm borders or open field culture. We earnestly urge every one of our customers to plant it.



IMPROVED NEW WHITE STRASBURG. Our stock of this excellent summer sort is better than ever before. Our seed of our own growing. The skin and flesh are of an almost transparent white, very tender and a delightfully pungent taste. Remains in a tender condition unusually long. Can be pulled in thirty-five days from the time of sowing. The top being small, it can be grown very close, this making it very productive and profitable. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

WHITE STRASBURG. Imported seed. Oz. 5c., $\frac{1}{4}$ lb. 25c., 1 lb. 50c.

WHITE VIENNA. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 45c.

GIANT STUTTGART. This mammoth white radish is the largest of the turnip shaped sorts. It has solid, crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. It should be given plenty of space in the row. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

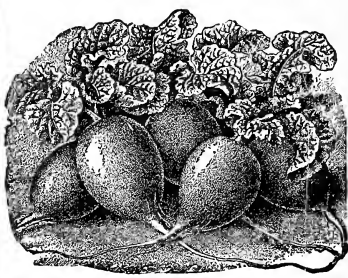
WHITE CHINES, or CALIFORNIA MAMMOTH. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

FRENCH BREAKFAST. This pretty radish in color is bright carmine, tipped with a clear white. It is oblong in shape and in quality is crisp, very mild and tender. It is a quick grower, and is an exceedingly popular variety. Our seed is grown in France. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. 90c.

SCARLET TURNIP, WHITE TIPPED. The color is scarlet and white. It is extremely quick to mature, being ready for the table in 20 days from the time of sowing the seed. The skin is very smooth, and its clear color gives it an appetizing appearance on the table. Its flavor is excellent, and its quality is high in all respects. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

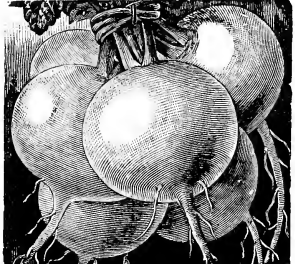
FELTON'S MODEL WHITE BOX. An improvement upon the Philadelphia White Box, having a shorter top, prettier shape and somewhat earlier. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., 1 lb. 75c.

Moore's Scarlet Gem Radish



Very short top, very early and suitable for growing under sash or open ground; color a beautiful rosy scarlet, flesh white, crisp and of good flavor. It will mature radishes in 37 days, which never become pithy, and we highly recommend it to all radish growers. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

White English Summer



A very desirable radish for summer use, remaining crisp and tender after spring frosts are over. Top of medium length. Much used in England. Very crisp and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. 80c., 6 lbs. \$3.00.

All our Seed is grown from Transplanted Roots only, which insures the Greatest Possible perfection. Our Seed will, therefore, give you better Satisfaction than that obtained elsewhere.

White English Summer

CINCINNATI MARKET. This sort is largely planted by market gardeners around Cincinnati, Ohio. Roots 5 to 6 ins. in length, color bright red, top small, good for sash or open ground. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c., 5 lbs. \$2.50.

PARISIAN BLACK SPANISH. Excellent half long variety, good keeper, very black skin, pure white flesh. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

CARDINAL GLOBE. Very pure stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

PERFECTION CHINA ROSE WINTER. We have a very much improved strain of this important variety of our own growing. Shape perfect; color a beautiful, brilliant, rosy carmine flesh white. Selected seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., 1 lb. 75c.



Perfection China Rose

SALSIFY, OR VEGETABLE OYSTER PLANT

German, *Bocksbart*. French, *Salsify*. Spanish, *Ostra Vegetal*.

One ounce will sow 25 feet of drill; 6 to 10 lbs. per acre

Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has a grassy top, and a long, white, tapering root, nearly resembling a slim parsnip. It closely assimilates to the taste and flavor of the oyster when properly cooked, and is a good substitute for it; very wholesome and nutritious. The roots are either boiled or mashed and made into delicious fritters, or half boiled and grated fine, made into balls, dipped into batter and fried like oysters; it is a very good substitute for the shell fish itself.

**DON'T HESITATE
TO PLANT THE
BEST**

seed should not be sown so early as other varieties. This variety was sent to us by the American Consul at St. Petersburg, Russia, where it is grown to the exclusion of all other sorts. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

IMPROVED MAMMOTH SANDWICH ISLAND SALSIFY. True stock. Our improved strain is remarkably fine and superior to any other strain. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

GIANT LONG WHITE FRENCH. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

SORREL

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor boiled and served like spinach. It also makes delicious soup according to directions given in Mrs. Rorer's book, "How to Cook Vegetables."

LARGE-LEAVED GARDEN. Cultivated for its acidity and much used in salads. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SPINACH

German, *Spinat*. French, *Epinard*. Spanish, *Espinaca*.

One ounce for 100 feet of drill; 10 to 20 pounds, in drills for an acre, according to method of culture.

NEW AMSTERDAM PROLIFIC LONG STANDING. The most abundant cropper; the longest keeper; the finest quality; double the yield of all other long standing sorts; the best spring Spinach in the world to-day for the amateur or market gardener. This is a new variety, distinguished for its exceedingly dark green colored, curly leaves, of robust growth, and for its remarkably long standing qualities, being from two to three weeks later than all other long standing sorts. The seed is inclined to be prickly. In our trials of Spinach last spring it outyielded every other variety and at the same time stood longer before going to seed. It is very hardy and will withstand the severest winter, of rapid growth and is adapted to sow any time in the year. On account of it being such an enormous yielder, the ground should be well manured.

AMERICAN ROUND SEEDED SAVOY, or BLOOMSDALE. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

NEW GIANT THICK-LEAVED, or HARDY WINTER. The best for fall sowing as well as early spring; of a handsome dark green color, producing more and larger beautiful curled thick leaves than any other. Will yield double the bulk, and remain firm and bright longer than any other. The best and most profitable curled variety to grow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

BELGIAN EVERGREEN, or VIORELAY LONG STANDING. Leaves very thick, tender, dark-green, and well-curved; the leaf resembles our well-known Norfolk Savoy; will stand longer and yield double the quantity of the Enkhuizen or Frickley seeded long standing sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.25 5 lbs. \$1.50, 10 lbs. \$2.25, 25 lbs. \$5.00.

VICTORIA LONG STANDING. English grown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

NEW ZEALAND SPINACH. Yields an abundance of the tenderest Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach runs to seed. The seed is sown where the plants are to stand, in May or earlier in a hot-bed and transplanted, and the plants will continue to yield a supply of good leaves of excellent quality during the entire summer, requiring scarcely any attention. Genuine imported seed only. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

PARIS MARKET, or PERPETUAL SPINACH. A most excellent variety for early spring, summer or autumn sowing; very tender and productive; excellent for private gardens; does not run to seed and very hardy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

We are very large growers of Spinach Seed and can give very low quotations on 100 or 1,000-lb. lots of any sort.

RHUBARB, or PIE PLANT

German, *Rhubarb*. French, *Rhubarbe*. Spanish, *Ruibarbo Bastardo*.

One ounce will produce about 500 plants.

Rhubarb is probably the most profitable and satisfactory crop a market gardener produces.

Where Rhubarb is planted for market purposes we advise the planting of roots and not seed. We caution our customers against buying roots known as "seedlings."

M. & S. GIANT EXTRA EARLY PARAGON. We introduce this remarkable novelty in the confident assurance that eventually it will supersede all other varieties for forcing, and that it will supersede all other sorts in open ground culture. In growth it resembles the Victoria and is quite as large and productive as that well-ground comes earlier into use. Another and still more important merit is the beautiful color—a rich, bright red, and this characteristic remains after cooking, even when the roots have been forced in absolute darkness. The sticks are large and exceedingly tender, and have a delicious flavor. Altogether this fine variety possesses a combination of qualities which will make it a necessity with every progressive market gardener. Just as desirable for the home garden. It is an enormous yielder and sells at "top notch" prices. One of our customers took \$350.00 of this sort. Extra roots roots 20c., 2 for 45c., doz. \$2.00, 100 \$12.00; add 5c. per root if to go by mail. Seed, Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

RED STRAWBERRY. Early red stalks. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

VICTORIA (Large Green) and LINNEUS. Pkt. 5c., oz. 15c., lb. \$1.25. Large roots of two above send for a doz. \$1.00; add 5c. each if to go by mail. Per 100, by express or freight, first size, \$4.50; extra selected, \$6.00. Rhubarb Roots are a great specialty with us and we can readily supply 100 or 1000.



New Giant Thick-Leaved Norfolk Savoy Spinach



Mixed, Large-Fruited Hybridized Strawberry Seed. We herewith offer a remarkable opportunity to our customers to procure the best new and novel varieties of the best American and European varieties of Strawberries. Our mixture includes all the best, large-fruited, white, red and purple everbearing; also the finest early and late fruiting sorts of the highest merit, which will insure the planter the most satisfactory results possible. Many valuable new varieties will result from planting our hybridized seed. From seed sown in April or May, we have in the following year picked large quantities of delicious fruit. No customer with a garden or farm should miss this fine opportunity for obtaining valuable new varieties of Strawberries. Pkt. 10c., 3 for 30c., $\frac{1}{4}$ oz. \$1.75.



SQUASH

Bush sorts, or, for 50 hills, 5 to 6 lbs., and running varieties, 3 to 4 lbs., in hills for an acre.

German, Kurbiss—French, Courgs—Spanish, Calabasa Tomatera.

It is useless to sow until the weather has become settled and warm. Light, rich soils are best suited to their growth, and it is most economical of manure to prepare hills for the seeds in the ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill, as is done for melons. For bush varieties, from three to four feet each way, and for the running sorts, from eight to ten feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their third and fourth leaves, leaving three or four of the strongest plants.



Moore's New Extra Early Cluster Squash

Beyond Question the Best Extra Early Bush Squash

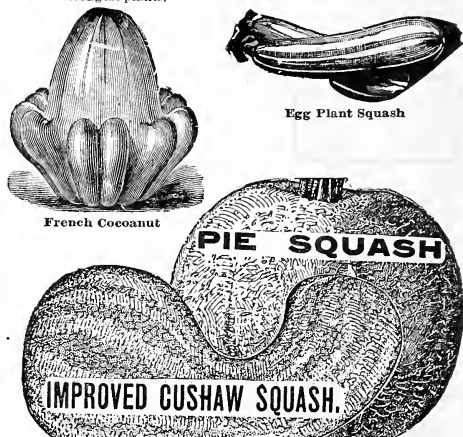
The Ideal Early Patty Pan. The Most Profitable Early Squash for Either Home Market or Shipping. Should be Planted in Every Home Garden

The productiveness of this variety is truly astonishing, the yield is truly enormous; it is not uncommon to count eighteen or twenty beautiful green, tender fruits on a vine at one time. Sixty-one squashes have been picked from a single hill. Is a bush variety of unusually compact growth. The fruits are smaller than the Dow's Extra Early, which we introduced eight years ago, and which proved so profitable to all who grew it. It is fully ten days earlier than any other Patty Pan, which insures large profits to all who plant for market. The color is a beautiful pea-green. The earliness of Moore's Cluster is no less remarkable. On account of its extreme earliness, beautiful appearance, and fine eating qualities, it being very tender and fine-grained, it outsells all other sorts on any market. Fancy prices are assured all who grow it.

It is the best shipper, the fruits carry better, remain in good condition longer, and retain their attractive and beautiful pea-green color longer than any sort hitherto introduced. It is not only early, but if the fruits are promptly picked it will continue to yield fine marketable squashes twice as long as any other. Indeed, we cannot recommend it too highly to all who wish early squashes, and plenty of them. Market gardeners and many large southern growers in Texas and Florida all agree in saying it is the king of all early sorts for the grower, dealer and consumer. It is a wonder among Patty Pan squashes. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Mammoth Early Luscious Golden Custard

A true bush, handsomely scalloped and very large fruited variety, of a beautiful rich golden color and excellent table qualities; wonderfully productive and the best yellow Patty Pan sort for home use or shipping. Its beautiful rich golden color and delicious quality make it a very desirable table food. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



DOW'S EXTRA EARLY WHITE BUSH OR PATTY PAN

For the past several years Mr. O. S. Dow, of Cape May Co., N. J., with whom it originated, has been sending these squashes to Philadelphia and other markets from eight to eleven days earlier than his neighbors who grow the old Patty Pan sorts, realizing from 75c. to \$1.00 per $\frac{1}{2}$ bu. basket for same. It is the result of selections which have been made for many years by Mr. Dow. It grows in the bush form, without any inclination to make runners, and is enormously productive. The squashes mature fully ten days earlier than the old sort and are of good marketable size. The squashes cook well and the flavor is delicious and forms no hard shell until nearly ripe, which is another great improvement over all others of this type. Entirely free from any green cast. The squashes have very small seed cavity and are unusually solid and heavy, which greatly enhances their value for shipping long distances. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

NEW EGG PLANT BUSH SQUASH. Beautiful cream-colored fruit, of medium size, first-rate quality and excellent flavor, delicious when made into fritters. Comes into fruit much earlier, besides being free from disease and much easier to grow than egg plant proper. Certain to please every grower of this vegetable. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

CANADA WINTER CROOK NECK. Is a great favorite where known. It is very beautiful in appearance, being a distinct green. The flesh is a rich yellow, solid, fine-grained, very sweet, and excellent for pies or baking. Can be grown among corn, same as pumpkins, and yield a good crop. This variety sells well and should be in the hands of every market gardener. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

CHICAGO WAITED HUBBARD. This seems to be by all odds, the best strain of Hubbard squash we have ever grown, of large size, dark green, almost black color. A good keeper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.40.

PIE SQUASH. The skin is similar to that of the golden russet apple. The flesh is yellow and very thick, making them appear almost solid. It is early, surprisingly productive. All in all, we call it the grandest thing out for pies. A ready seller on market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 80c.

IMPROVED CUSHAW. It is very beautiful, being a distinct mottled green and white striped. The flesh is yellow, solid, fine grained, very sweet, and excellent for pies; also good for baking. Sells well on market, and should be in the hands of every grower. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

BOSTON MARROW. Oz. 5c., $\frac{1}{4}$ lb. 25c., lb. 75c., 6 lbs. \$3.50.

MAMMOTH LONG ISLAND WHITE BUSH. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

CHINESE. Beautiful yellow flesh, a dry, rich, sweet flavor, even without the use of sugar. Bush variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 80c.

DELICATA. Ground color orange yellow, splashed and striped with very dark green. Although of small size, the squashes are very solid and heavy, while the quality is rich and dry. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 50c., lb. \$1.40.

DUNLAP'S EARLY PROLIFIC GOLDEN MARROW. This new Marrow Squash is certainly a valuable acquisition; while it is remarkably productive, no variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow, and for this reason can be planted a week later than any other variety of marrow. Its color is most attractive, a brilliant orange-red. A good keeper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c.

FRENCH COCOANUT. For both summer and winter use. The most deliciously flavored squash grown; dry, sweet, rich and wonderfully solid and productive, the best keeper of all. When well matured and taken off the vine before frost it is no uncommon thing for them to keep one year in good condition. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

GOLDEN HUBBARD (Varied). Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

MAMMOTH YELLOW SUMMER CROOK NECK. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



TOMATO

1 OZ. FOR 1,500 PLANTS
QUARTER POUND (TO TRANSPLANT) FOR AN ACRE

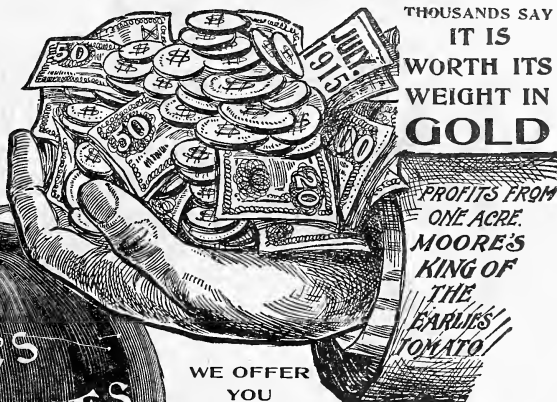
Culture. This seed should be sown early in March in a hotbed, greenhouse, or inside the window or sitting room, where a night temperature of not less than sixty degrees is kept, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out three inches apart in boxes three inches deep or potted into three inch pots, allowing a single plant to a pot. They are sometimes shifted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established. Tomatoes will always produce greater crops and be of better flavor when staked up, or when trained against walls or fences.

✂ All our Specialty Tomato Seed is grown, selected and saved exclusively from the best specimen for seed, and is of the highest quality. MARKET GARDENERS and CANNERS will find our SELECTED TOMATO SEED RELIABLE in every respect.

✂ The growing of high grade Tomato Seed is a leading and important specialty with us and we probably distribute more seed to CRITICAL MARKET GARDEN and SELECT CANNING ESTABLISHMENTS than any other three seedsmen in the United States.

Remember, the Main Thing in Making a Good Crop of Tomatoes is to Get Your Seed From Us. BUY THE BEST

THE MOST VALUABLE Extra Early TOMATO EVER INTRODUCED



WE OFFER
YOU

A CHANCE TO COIN MONEY

A Most Remarkably Large, Smooth Extra Early

NEW TOMATO

MOORE'S KING OF THE EARLIES

Is Positively the Largest, Smooth
Early Red Tomato in the World.

We have here the grandest Large Extra Early Smooth Tomato of the age for Market Gardeners, Private Gardeners and Shippers, no matter whether you plant one dozen or one million plants for your first picking. It is just the large Extra Early Tomato thousands have been looking for. It is just the tomato you need. It is the tomato above all other extra early tomatoes. It is an enormous yielder. The plant is a perfect mass of large, beautiful red fruit. It is the ideal "stem setter," and as there is a remarkable absence of leaves

the fruit ripens early and almost "all at once." The tomato that will bring you wealth and fame.

Each and every vine is a perfect mass of large size fruit, as our illustration shows. It is a very compact grower and consequently can be planted one-third closer than any other early sort. If you grow early tomatoes don't miss planting it. It will be both pleasure and PROFIT to you. It is the earliest large, smooth tomato ever introduced. Pkt. 15c., 2 for 25c., 1/2 oz. 40c., oz. 75c., 1/4 lb. \$2.00, lb. \$7.50.

ANY TOMATO GROWER IN THE UNITED STATES CAN MAKE BIG MONEY GROWING

MOORE'S NEW EXTRA EARLY JUNE PINK

Better in quality, more handsome in appearance and immensely more productive than any other extra early pink-skinned variety. The vines are one solid mass of beautiful, large sized, smooth fruit, which always sells for fancy prices in every market. We have been developing and improving this remarkably valuable new extra early variety for the past eight years and now offer it to our many thousands of customers throughout the world as being the earliest, most productive and most profitable early pink tomato in existence. First pickings of ripe tomatoes last season sold for \$4.50 per crate wholesale. The crown sets often consist of thirty beautiful large fruit and every vine will produce many clusters of from five to twenty beautiful large tomatoes. The vines are of an open, spread-

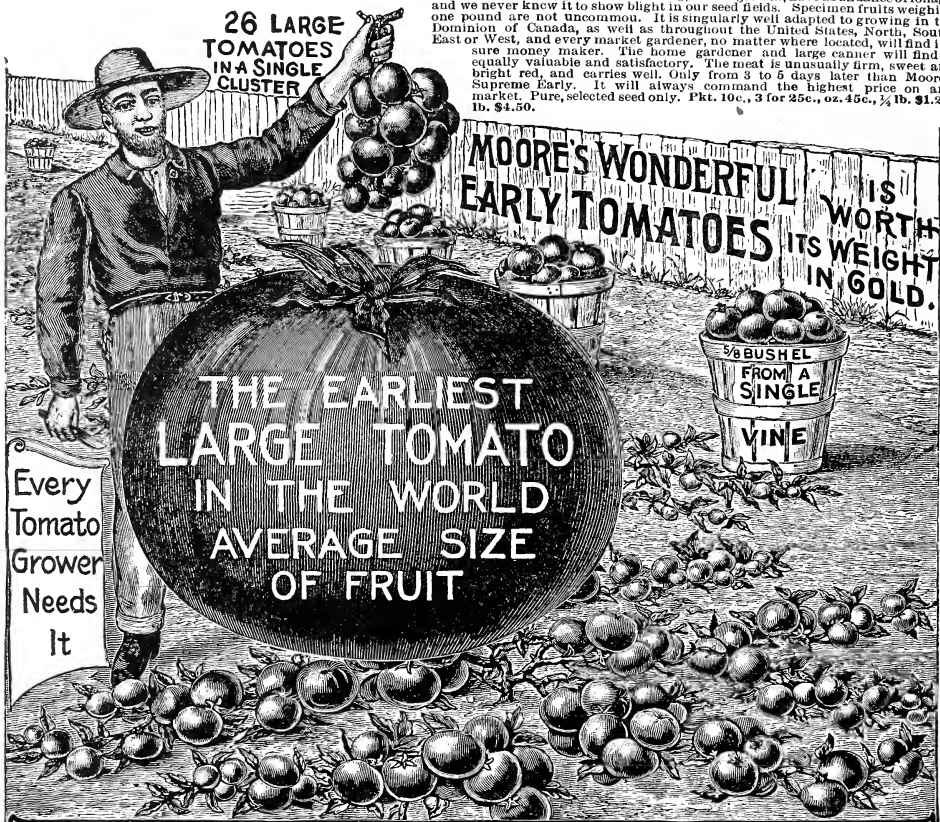
ing habit; the fruit thus ripens very quickly. It is admirably well adapted to all sections of the United States, as well as Canada. Moreover, it is exceptionally hardy. The fruit is deep, very smooth, solid and meaty and entirely without core. It is a great money maker for all who grow for early market. As a long distance shipper we assure our customers that it will carry fully as well as our Moore's Royal Pink or Moore's Old Blue Stemmed Duke of York. That you know is saying a great deal. Every one of our customers who have had it pronounce it free from blight. Fine for the South and will make big money for the man who grows tomatoes for early market, no matter where he may be located. Ask your neighbor about it; he may be planting it. Pkt. 10c., 3 pkts. 25c., oz. 40c., 1/4 lb. \$1.00, lb. \$4.00.

REMEMBER, THE MAIN THING IN MAKING A GOOD CROP OF TOMATOES IS TO GET YOUR SEED FROM US. BUY THE BEST.

MOORE'S WONDERFUL EARLY TOMATO

Introduced by The Moore Seed Co. Thousands say it is the Most Valuable Large Second Early and Best Flavored Bright Red Tomato for the Market Gardener Ever Introduced. The Only Tomato Adapted for Early, Second Early or Late Crop. Yields 30 Tons per Acre.

Since we introduced this most excellent variety it has brought joy, gladness, satisfaction, and hundreds of thousands of dollars to the homes of market gardeners and others who have purchased their seed from us. It ripens evenly to the stem, has very few seeds, while the productiveness is simply astounding, it having frequently produced $1\frac{1}{2}$ bushels of beautiful ripe fruit per plant. It not only bears early, but continues to bear ripe fruit until frost, and unlike most other varieties, the size is held up well until the last picking. It is no experiment, but is on a broad basis of firmly established merit. It is well adapted to all sections of the country. If you would have a "good thing," don't fail to plant it. It is of especial value to tomato growers in the state of Maine, New Hampshire, Vermont, New York, Michigan, Minnesota, Wisconsin, North and South Dakota, Idaho and Washington, and all localities where the growing season is short, as it will withstand more frost and will mature beautiful large fruit early where no other sort will. The plants are of strong, robust growth, have abundance of foliage, and we never knew it to show blight in our seed fields. Specimen fruits weighing one pound are not uncommon. It is singularly well adapted to growing in the Dominion of Canada, as well as throughout the United States, North, South, East or West, and every market gardener, no matter where located, will find it a sure money maker. The home gardener and large canner will find it equally valuable and satisfactory. The meat is unusually firm, sweet and bright red, and curries well. Only from 5 to 15 lbs. later than Moore's Supreme Early. It will always command the highest price on any market. Pure, selected seed only. Pkt. 10c., 3 for 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.



Moore's New Coreless Tomato. All markets requiring a bright, rich, red sort will be pleased with the Moore's New Coreless. In shape it is almost round, being of about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, owing to a very small amount of loss in material and labor. It is immensely productive, clusters of four to seven fruits are produced at six to eight inches apart along the stem when plants are trained to stakes. Tons per acre and cans per ton is all important. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh, which is slightly more acid than the Livingston's Globe. The strong outside and inner walls of flesh of the Moore's New Coreless render it a very firm fruit and one of the best for long distance hauling and shipping, but it is entirely free from hard green core. Its color is that bright, rich red so desirable to packers of high-grade goods, and more important than ever now, since the law forbids the use of coloring matter. Every canner, market gardener or lover of good tomatoes should plant this grand variety this year. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

MOORE'S NEW EARLY ROYAL PINK TOMATO

A truly wonderful yield—being of large size and wonderfully prolific, as our illustration shows—and continues to yield beautiful large fruit longer than the Globe, Acme, or Beauty. Very distinct in shape, firm-fleshed, and of delicate and delicious flavor. It is a very beautiful variety; in quality there is nothing more to be desired in a pink tomato. It has a great future; it has already become a popular variety with all tomato growers who have tried it. Every market grower, large or small, is delighted with it. It is as smooth as an apple, colors up nicely, continues in bearing condition longer than any other pink variety; and meets with ready sale on all markets. Every Florida, Texas, Mississippi, Louisiana, Alabama, Tennessee or other Southern tomato grower should plant Moore's New Early Royal Pink Tomato. It matures enormous crops of No. 1 fruits only a few days later than our Moore's King of the Earlies. Beautiful large, smooth, solid pink-skinned fruit, which invariably sells above the market price. The texture is extra firm, thus making it a first-class long-distance shipper. It outclasses Livingston's Globe on every point, being one-third larger, earlier, yielding 50 per cent. heavier crops and, unlike the former, will carry thousands of miles in perfect condition. Pkt. 10c., 3 for 25c., 1 oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

MAKES HIM RICH. I must thank you for the fine seed you sent me of your Moore's Wonderful Early Tomato. I have sold \$600.00 from one acre. I felt rich when I sold them all at \$1.00 per basket.
JONATHAN WILKINS, Seattle, Wash.

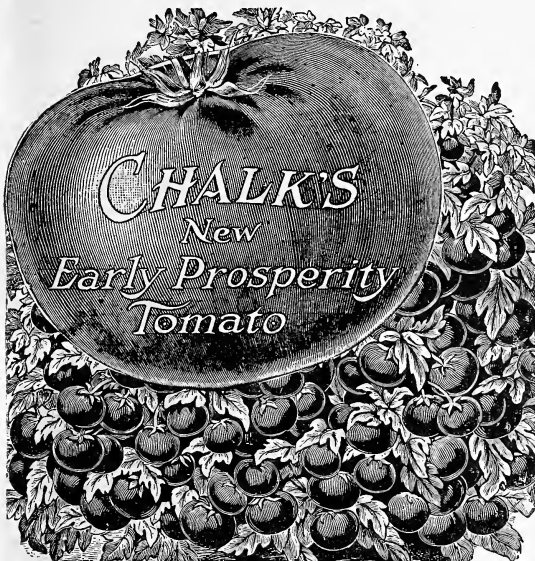


MOORE'S DEPENDABLE TOMATO SEED

NORTHERN GROWN, FREE FROM BLIGHT, AND EVERYWHERE KNOWN AS THE MOST CAREFULLY SELECTED, THE MOST CAREFULLY GROWN, AND THE MOST CAREFULLY SAVED

Thousands of the most critical market gardeners throughout the United States have for years found our tomato seeds the most dependable as well as the most profitable to grow—the best for home use or shipping. Careful tomato growers use our tomato seed—the best is always the cheapest

CHALK'S EARLY PROSPERITY TOMATO



This is a highly valuable new variety—is in a class all by itself. It originated with James Chalk, one of the foremost and most successful market gardeners, and a noted expert tomato grower, of Pennsylvania, who has devoted forty years of his life to the hybridizing, selection and developing improved forms of the tomato. It was he who gave to the world the famous Chalk's Jewel tomato, which was introduced to the tomato growers of America in the year 1891 and which has since brought millions of dollars to the pockets of the wide-awake tomato growers of America.

Mr. Chalk wishes to announce through us to the tomato growers of America that his new **EARLY PROSPERITY** tomato will, if possible, prove even more valuable than his justly famous Chalk's Jewel.

Side by side Chalk's Early Prosperity produced three times as many marketable tomatoes as Earliana, Earliest of All, Early Freedom or Bonny B st. It is truly a wonder among early red tomatoes, being an enormous yielder, solid, firm, large size and unusually attractive. Satisfaction, profit and prosperity assured to all who plant it, either for the home garden, home market or long distance shipping. It is a brand new sort, free of all disease. Seed grown by James Chalk. Pkt. 15c., 3 pkts. 30c., oz. 50c., ¼ lb. \$1.50, 1 lb. \$3.50.

Bonny Best Early

A Good Second Early Red Tomato

This variety is earlier than Chalk's Early Jewel, and within two or three days as early as Earliana. It is a vigorous grower, enormously prolific, with larger foliage than the Earliana. In color it is a beautiful scarlet red; setting its fruit in clusters of five or more at close intervals. Its greatest characteristic is its uniformity of size and smoothness in shape. Extra selected seed. Pkt. 10c., 3 pkts. 25c., oz. 35c., ¼ lb. \$1.00, 1 lb. \$3.50.

Sparks' Earliana No. 10

The plants are compact in growth, with short close-jointed branches, setting fruits very freely in the center. So freely are the fruits set that one plant will produce a five-eighths bushel basket of tomatoes during the season of about four weeks, which covers the bearing period. This strain is superior to the stock usually sold, being very closely rugged. Pkt. 10c., oz. 40c., ¼ lb. 85c., 1 lb. \$3.00.

MOORE'S BEEFSTEAK. A Notably Fine New Variety. It's one of the grandest tomatoes ever introduced, color rich, glossy scarlet, splendid cropper, round in shape, flesh very firm, fine flavor. It commences to ripen a short time after our Moore's Wonderful Early. A leading feature of this superb variety is that it ripens its fruit more uniformly together than any known kind, whilst its profusion of clusters, averaging eight and ten large evenly-formed clusters each, makes it conspicuously handsome. Fruit large, thick, heavy and remarkably free from cracking, yielding heavily until killed by frost. Invaluable as an exhibition variety for private growers and market purposes. Highly suitable for small gardens owing to its very compact growth. Excellent market variety or for canning purposes. It withstands drought and dry weather to a remarkable degree; for this reason, if no other, it should have a tremendous planting all over the United States. Pkt. 10c., oz. 30c., ¼ lb. 85c., 1 lb. \$3.00.

Halliday's Original Imperial Tomato

(Purplish pink.) Halliday's Original Imperial is considered by many of our customers the best second early purple fruited tomato in the market to-day, coming in about ten days earlier than our famous Moore's Blue Stemmed New Duke of York. The fruits are beautifully smooth, and in market this variety invariably commands the highest price at all times and in all seasons.

The color is between pink-purple and glossy crimson. The flavor is of the best. It ripens evenly to the stem, and is highly productive, the yield under field culture having reached ½ bushels of ripe, marketable fruit per plant. It bears early and produces fruit until frost.

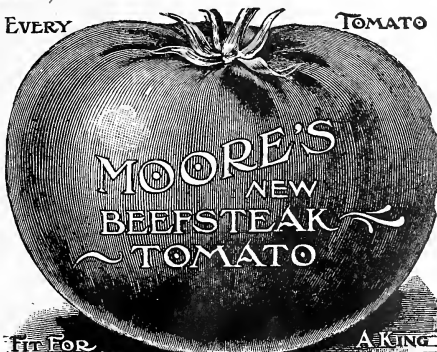
Halliday's Original Imperial has proved its adaptability to all sections of the country, and is now a standard and satisfactory tomato in all respects. A desirable home market tomato or long distance shipper, the fruits being very firm and solid throughout. Pkt. 10c., oz. 30c., ¼ lb. 85c., 1 lb. \$3.00 postpaid.

I. X. L. Early

(True Stock.) Matures same time as Sparks' Earliana, but grows somewhat larger and continues longer in bearing; originated with W. E. Ashcraft, Gloucester Co., N. J. Skin red. Heavy cropper and generally ripens its crop all at one time. Vines very compact; fruit solid and attractive. We feel sure every one who plants it either for market or home use will be highly pleased with its many fine qualities. Oz. 30c., ¼ lb. 85c., 1 lb. \$3.00.

EVERY

TOMATO



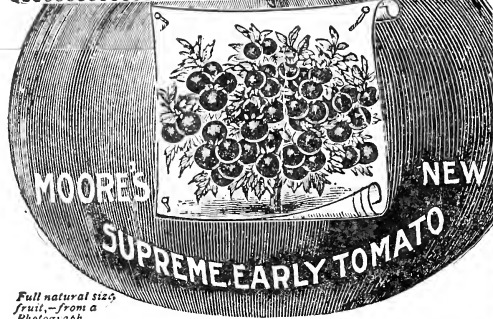
Langdon's Northern Adirondack Earliana Tomato (Crown Seed)

This is the result of several years' very careful selection from the Sparks earliana by Mr. Langdon in New York State, near the Canadian line, in a short, cool season, which is well calculated to produce extreme earliness, hardness and smoothness, great vigor and productivity. Our seed is very carefully selected from the finest crown seedlings, and from the largest and heaviest, smooth fruits. Pkt. 10c., 3 pkts. 25c., oz. 50c., ¼ lb. \$1.25, 1 lb. \$4.00.

Bigger Crops, Bigger Prices, Bigger Profits

Are Assured to All Those Who
Plant Moore's Tomato Seed

SUCCEEDS EVERYWHERE
From California to Maine.
From Canada to Mexico.



MOORE'S SUPREME EARLY

A Marvelous New Tomato in a Class All by Itself

In introducing this most wonderful early and valuable variety to the tomato-growing public, our Mr. Moore has given it the name of **Supreme**, for the reason that it embodies all the desirable qualities produced in early tomatoes "up to date" and is in a class by itself. It possesses all the highest, greatest and most excellent qualities yet attained in early tomatoes to a Supreme degree combined in this one sort. Plant it and you will agree with us. It is a beautiful large size, very early, red skinned variety, and as such is supreme in earliness, yield, beauty and fine quality, and what is still more valuable, it commands outside prices on any market. Our Moore's Supreme Early is miles ahead of any other of its class. It is not excelled for market or home garden. It is the tomato for everybody. The plant is "all fruit," abundant, delicious soil sweet fruit with few leaves, and of compact habit. It is no uncommon thing to pick beautiful large solid ripe fruit sixty days from setting; is also very hardy. No tomato grower should miss planting liberally of this notable new early variety. Pkt. 10c., 3 pkts. 25c., 7 pkts. 50c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00. It has come to stay.

MOORE'S EARLY ABUNDANCE TOMATO

A valuable second early variety of great merit; and as its name indicates is an exceedingly prolific fruiting tomato. The flavor is very delicate and agreeable. Color a beautiful, glossy reddish purple. Fruit extra large in size, very symmetrical in shape, remarkably solid, smooth and meaty as a beefsteak. The size is fully maintained until the end of the season. It is a superbly good shipper and fine keeper. Adapted for every locality, and very especially for southern growers, owing to the fact that it carries well long distances, and we never knew it to develop any blight no matter where grown. Its beautiful shape, color and delicious quality always insure the highest market price. Pkt. 10c., 3 pkts. 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

MOORE'S NEW IMPROVED GLOBE

Seed Grown From Blight Proof Stock

Color a fine glossy rose, tinged with purple. Very early. The fruit is of a much larger size than the Livingstone Globe, which is a decided advantage. Enormously productive; no fruit too small for market. It has already become a big leader with many prominent and successful tomato growers in all parts of the country. It has never shown any tendency to blight with us. A fine shipper. Being smooth and of large size, it always brings fancy prices and will invariably sell for double that of China's Pink and treble that of Earliana, Maules' Early, Acme, Fordhook, Freedom, and other old sorts. Pkt. 10c., 3 for 25c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

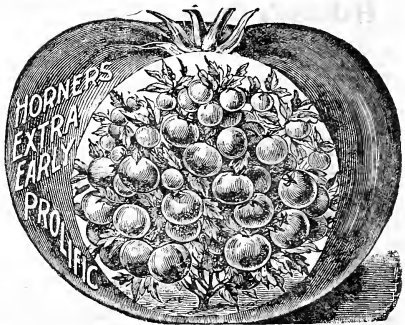
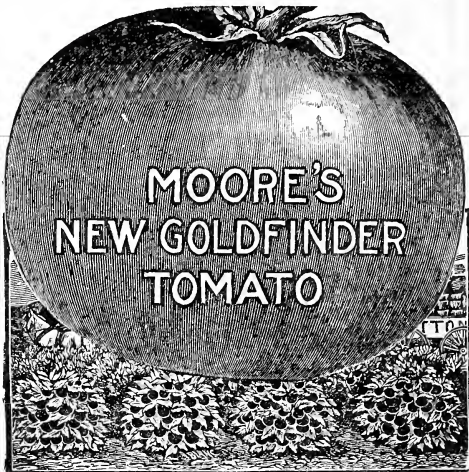
MOORE'S NEW GOLDFINDER

"Does Not Sun Scald Nor Blight"

A new tomato with many desirable qualities and quite distinct from all other sorts. It is distinct in color, size, shape and color of fruit, the foliage being dense and of a dark green color. The fruit is of a pleasing shade of red, medium early and is set well up among the dense foliage which prevents "scalding, sun cracks," etc. David Myers, Esq., Norfield, N. J., writes:—"Your Moore's Goldfinder Tomato pleased me mightily. Not a single tomato sun scalded, while I lost one-half my Earlianas and Paragons from this cause. I averaged twenty cents more per basket for them than either Paragon or Stone. The yield astonished me. The branches were stiff with fruit. Not a single plant blighted. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

HORNER'S EXTRA EARLY PROLIFIC

An extra early red variety, quite smooth and solid. As its name indicates, it is extremely prolific. It originated with Mr. J. W. Horner, a large and very successful tomato grower of Moorestown, N. J., also of Miami, Fla., where hundreds of acres of this highly prized variety are successfully grown every season for northern markets. We have greatly improved this variety in size, solidity and smoothness, and in this respect our strain is superior to that sent out by the originator. This variety has netted Mr. Horner at the rate of \$9,000.00 per acre. Pkt. 10c., 3 pkts. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



NEVER
FAILS PLEASE
ALL WHO PLANT IT

TO TRY IT
DON'T

THE BEST
TOMATO
FOR MARKET
OR PRIVATE USE

MOORE'S TRIUMPH

THE BEST LATE
RED TOMATO
IN THE WORLD

MOORE'S TRIUMPH TOMATO
SUCCEEDS
EVERYWHERE

Moore's Triumph Tomato

The Greatest Second Early and Late Tomato ever offered to the American tomato grower. Planted last year by over 60,000 of the best gardeners and canners in America, who all unanimously endorse it as the best ever introduced.

Our illustration gives a very correct idea of the size and shape of this valuable new variety. We introduced this grand tomato to our gardening friends fifteen years ago, and since then scores of seedsman have tried without success to offer one as good. Words cannot adequately describe its many admirable qualities for the market gardener, canner or private grower. We can truthfully say, however, that it is the finest medium early or late tomato ever introduced, a truly remarkable, handsome, very large, solid, smooth, bright, glossy red variety of the finest quality, ripens clear to the stem; wonderfully productive and sure cropper; does not crack; sells on sight. Its large size might lead some to believe that its fruits are few in number, yet the fact is, it is even more prolific in fruiting than any of the standard sorts now in cultivation. It is unquestionably the best cropper known. The tomatoes are borne in immense clusters of four to eight fruits, and occasionally ten large fruits have been found in a single cluster. In solidity and neatness it has no equal, while in luscious quality none surpass it. While it is an excellent sort for medium early, it is the best in the world for a late crop. As a canner it "holds up" perfect condition longer than any other large red sort. The large size, beautiful color and productiveness are maintained throughout the season until killed by frost. Every trucker should grow it for his home market. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Moore's Old Blue Stemmed "Duke of York"

Of Special Value to Florida Growers and all Long Distance Shippers

Introduced by us. One of the grandest tomatoes recently introduced. Color rich glossy scarlet, similar to our Moore's Royal Early Pink, splendid cropper, somewhat globular in shape, flesh very firm, large size, fine flavor. A leading feature of this superb variety is that it ripens its fruit more uniformly together than any known kind, whilst its profusion of clusters, averaging eight and ten large evenly-formed clusters each, makes it conspicuously handsome. Ripens evenly to the stem, is a strong, healthy grower, not subject to rust or blight, is an enormous cropper, and produces until the vines are killed by frost, holding its size exceedingly well until the last picking. Quality the very best, very solid and meaty. It is in every way a desirable variety for market gardeners, as its beautiful appearance always insures an extra price. As a long distance shipper it stands foremost of all other sorts. The walls of the fruit are unusually thick and dense. On account of its good shipping qualities and ability to "stand up" well after arrival, it is a great favorite with thousands of growers in Texas, Florida, Porto Rico, Cuba, Isle of Pines and the Bahama Islands. We are headquarters for selected seed of this important variety. An excellent sort for late summer and fall. Plants should be "set out" earlier than other late sorts. Pkt. 10c., 3 for 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

TRUE
BLUE-STEM
VARIETY

Moore's Old
DUKE OF YORK
Tomato.

The only
BRIGHT
PROOF
variety

The best
Shipper

MOORE'S NEW EXTRA EARLY GIANT FRUITED ACME

The Handsomest and Earliest Type of Acme Tomato

Positively the earliest and largest Acme tomato ever introduced. Extremely valuable to market gardeners and shippers. Just what you have long sought—a large fruited, early, smooth, solid tomato with a pink or purple skin. Heretofore all pink skinned tomatoes, such as the Acme, Dwarf Champion, Beauty, Imperial and Advance, have been too small in size to make them salable or profitable for the market gardener or shipper to grow. By repeated crossing and skilful selection we have produced our New Early Giant Fruited Acme which is many days earlier, much larger and vastly more productive than its old prototype, on account of its beautiful appearance and fine quality, sell more readily and for a higher price than any similar sort. This variety appeals pre-eminently to all those who grow tomatoes for profit. It possesses all the qualities that go to make up a perfect tomato, viz., earliness, large size, quality, yield, appearance, solidity, fruit, "cheeky, meaty," thick, solid and almost seedless. Now, what more could you wish? We predict an enormous demand for our Early Giant Fruited Acme, when its many good qualities once become known. It is adapted to all sections of the United States, and more particularly to those who ship long distances. We advise every one to plant it. Pkt. 10c., 3 pkts. 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

QUALITY BEYOND PRAISE

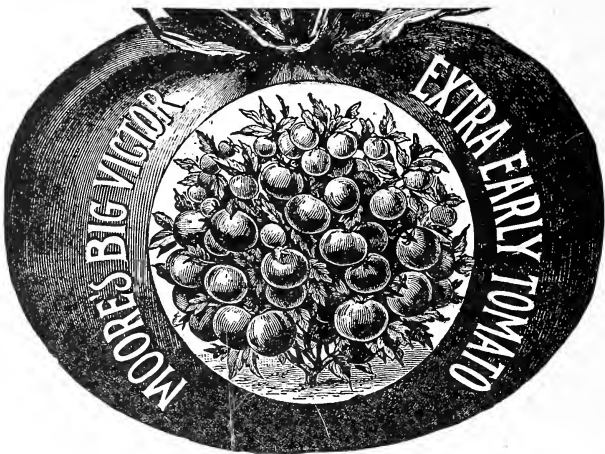
Rich and meaty-sliced.
Thick and delicious-canned.

MOORE'S
EARLY
GIANT
ACME

Greatly reduced in size.

Moore's Wonderful Tomatoes

Are Worth Many Millions of Dollars to Tomato Growers



MOORE'S Big Victor

EXTRA EARLY

"There's Big Money in it for Early Tomato Growers."

Introduced by us in 1905

We have a big reputation for growing good tomato seed, and for having the best varieties. A word to the wise—MOORE'S BIG VICTOR EXTRA EARLY TOMATO is a brand new and distinct variety never before offered to the public, and was produced at great cost. This valuable market variety was developed from a chance seedling found growing in a field of our Moore's King of the Earlies. It is the earliest large fruited red variety, and the largest Extra early red variety ever produced. Its yield is enormous, every vine being a great mass of large size red fruit of the stem setting type. Single clusters of 25 to 30 tomatoes are not uncommon. It is truly a wonderfully productive sort. It invariably brings the highest market price. This wonderful variety is actually earlier and larger than our Moore's King of the Earlies, and fully as smooth—but as a large early tomato grower remarked to us—give me earliness and large size, and the tomato will sell even if it be not smooth. He was right. Every tomato grower should plant it. Our word for it—he will make many dollars if he don't. Pkt. 10c., 3 pkts. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

MOORE'S NEW RED GLOBE

This is probably the Greatest Novelty in Tomatoes ever Introduced

Said by all who have seen it to be the most perfect shaped canning variety ever produced. Large size, globe shaped, full at stem end. Bright red, a strong grower and big cropper.

Yes, Moore's New Red Globe Tomato is a great novelty. It is a great novelty in shape, a great novelty in yield, a great novelty in color, a great novelty in quality, a great novelty in growth—indeed it is a highly valuable novelty; and all who grow tomatoes should become closely acquainted with it at once by planting large crops of it. It ripens immediately after Moore's New Wonderful and Moore's New Early Royal Pink. The shape (see illustration) is ideal. It is a large main crop, rich bright red variety, highly suitable for canning, home market, home garden or long distance shipping. Fruits solid, coreless and almost seedless. Every amateur, market gardener or canner should plant it. Every fruit is marketable. We sincerely hope you will not miss at least some of this valuable novelty. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, owing to a very small amount of waste. It is immensely productive; clusters of four to seven fruits are produced at six to eight inches apart, along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. Always from the stem end, and all over and through and right up and r the stem, at once. A grand good slicing variety; the seed cells being surrounded by bright, glossy red, heavy, meaty and delicious flesh. The strong outside and inner walls of most of our Moore's New Red Globe render it a very firm fruit and one of the best for long distance hauling or shipping. Pkt. 15c., 2 pkts. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.



John Baer Tomato (New)

Produces large, smooth, solid fruits of an attractive red color, yielding an abundant crop about one week later than our Moore's King of the Earlies. Ripens evenly and well up to the stem, very few seeds and of good flavor and size. 24 fruits fill a six-carrier basket. Foliage light and habit of plant open and not inclined to run to vine even when matured heavily. A very heavy yielding one crop sort. Fruit not as large as our Moore's Wonderful Early. Our seed is carefully selected from crown fruits and grown from the originator's stock which we have greatly improved. Pkt. 10c., 3 pkts. 25c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00, postpaid.

Small-Fruited Tomatoes

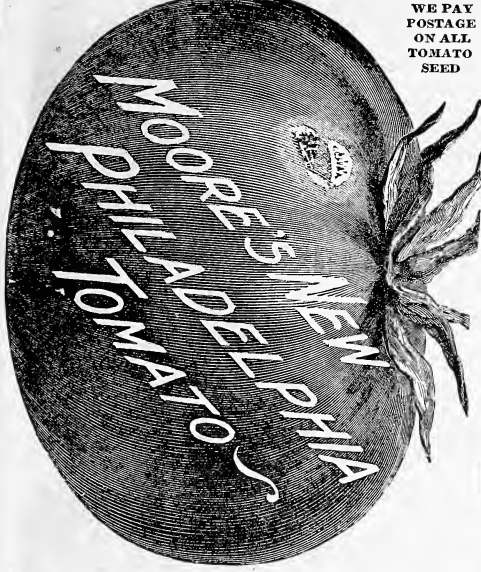
Excellent for Preserves, Pickles and Pies

Red Grape	Pkt. 10c.	Golden Fig	Pkt. 10c.
Red Currant	Pkt. 5c.	Yellow Peach	Pkt. 5c.
Red Cherry	Pkt. 5c.	Yellow Cherry	Pkt. 5c.
Red Pear-Shaped	Pkt. 5c.	Yellow Pear-Shaped	Pkt. 5c.
MIXED SMALL TOMATOES—The above nine varieties, Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.			

Moore's Magnus Improved

We have been growing this variety for our customers for upwards of twenty years. Many thousands of our customers grow it every year. It stands in the front rank among purple or pink fruited sorts; fruit large, deep; good keeper and shipper; fine quality, delicious flavor and heavy yielder. Good for long distance shipping, home market or family use. Very distinct and commands good prices. Pkt. 10c., 3 for 25c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

WE PAY
POSTAGE
ON ALL
TOMATO
SEED



MOORE'S NEW PHILADELPHIA. It is one of the most wonderful has required many years of intelligent selection and crossing to produce this wonderfully large and exquisite variety. It is the giant of all the good tomatoes. You will certainly be very pleasantly astonished if you plant it. It will be "elevation in size, beauty and quality and we might truly say a "joy forever." The beauty and quality of the fruits make it an easy seller in all markets. Many market gardeners tell us it brings double prices. The flesh is a clear deep red, remarkably solid, and heavy. Many specimens measure 2½ inches in circumference and are correspondingly thick. We urge every grower of tomatoes who reads this to plant it and tell his neighbors also. Pkt. 10c., 3 for 25c., oz. 40c., ¼ lb. \$1.25.

IMPROVED REDFIELD BEAUTY. We have greatly improved this sort over that originally sent out, in earliness, productiveness and carrying qualities. The size of the fruit is also larger. Color dark crimson to purple. Our customers in the Gulf States, where this variety is principally planted, will find our improved strain the best they ever had. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00, 10 lbs. \$17.00, postpaid.

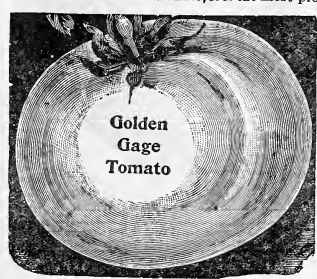
LIVINGSTON'S GLOBE. Very distinct in shape, firm fleshed and of delicate flavor. Introduced in 1905. It is an extra good all-around sort, of a distinct globe shape. In time of ripening we class it with the second earliest. The fruits are of large size, and a good marketable size is retained throughout the season. It is always smooth, of firm flesh, and few seeds; ripens evenly; color a fine, glossy rose, tinged with purple. Our seed is the best possible quality. Pkt. 10c., 3 pkts. 25c., oz. 30c., ¼ lb. 85c., lb. \$2.75.

CHALK'S EARLY JEWEL TOMATO. Originally introduced large second-early red tomato. The genuine seed can only be had from us. Very early large-sized red variety, well adapted to all localities; selected seed only. Seed stock grown by James Chalk. Pkt. 10c., oz. 30c., ¼ lb. 55c., lb. \$3.00.

RED ROCK. A large late red variety of much merit. Extra selected seed. Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.75.

PONDEROSA, Henderson's. A very large fruited, solid, pink variety. Pkt. 10c., oz. 30c., ¼ lb. 1.00, lb. \$3.50.

GOLDEN GAGE. This is a variety of pre-eminent merit. It is a golden wonder, it is the most productive yellow sort, fine grained and most luscious quality. It should be in every market, gardener's field and city garden. It is solid, smooth, large size, ripens early, and is the most beautiful yellow variety ever sent out. Fruits are sometimes tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. Makes delicious rich preserves. It is a beauty and the best of all the yellow sorts. Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$2.75.



Golden
Gage
Tomato

IMPROVED DWARF CHAMPION. Fruit glossy, purple, of medium size, without core, and an immense yielder. A very popular variety in many localities. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

DWARF STONE. Similar in habit and appearance to Dwarf Champion, but fruit larger. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

SELECTED NEW STONE. Our strain of this variety has obtained immense popularity with canners and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Seed saved from finest specimen fruits only. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.25.

LIVINGSTON'S BEAUTY. Early, large, smooth, solid, and excellent in quality. Color a very glossy crimson, with a tinge of purple. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$1.75.

SELECTED EARLY PARAGON. Flesh solid, well covered and flavored. Ripens between the early and late varieties. Color of skin glossy deep red. Very choice stock. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$1.75.

BUCKEYE STATE. Color somewhat darker than Beauty. Matures about the same time as our Moore's Trumpb. Good shipper. Pkt. 10c., 3 pkts. 25c., oz. 30c., ¼ lb. 90c., lb. \$3.00.

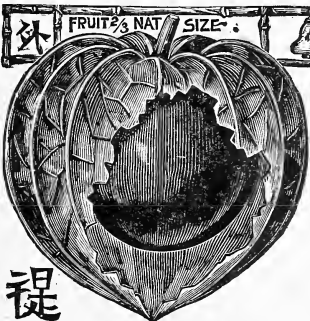
THE TRUCKER'S FAVORITE. Color purplish red; very solid, firm flesh, heavy yielder. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

GOLDEN FIG

It is wonderfully productive, yielding double that of other sorts. This variety makes pickles and preserves of the finest quality. It is pre-eminently the best of all the small yellow sorts for market. Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$2.50.



GOLDEN STRAWBERRY WINTER CHERRY TOMATO



This distinct husk enveloped tomato is unequalled for canning, preserving and pies. Dried in sugar, as raisins or fles, or to use in fruit cake, they are unequalled. They have a strawberry flavor, and produce fruit in great abundance. For sauce they are excellent, and for pies nothing can equal them in flavor and taste. They are delicious as preserves, and when dried in sugar are much better than raisins for cakes and puddings. They are also excellent to eat raw as fruit. Pkt. 10c., oz. 40c., ¼ oz. 75c., ¼ lb. \$1.25.

FORCING or GREENHOUSE TOMATOES

We make a special study of these and find the following to give the best satisfaction. Those who force tomatoes under glass can place fullest dependence in our varieties.

MOORE'S EARLIEST OF ALL. Unquestionably the earliest red forcing tomato in cultivation; fruit smooth, of medium size and very prolific. Pkt. 25c., ½ oz. 60c.

SUTTON'S PERFECTION. A superb tomato, combining great high quality, and large size. Fruit round and perfectly smooth; color rich bright crimson; flesh solid almost free from seeds, and of an agreeable piquant flavor. One of the finest tomatoes for exhibition and excellent for general indoor cultivation. In favorable seasons enormous crops may be grown out of doors. Pkt. 25c., 3 for 60c., ½ oz. 25c.

EARLY COMET. A most excellent Scotch variety, of medium size, rich glossy pink color, and heavy setter. A truly superb variety. Pkt. 25c., ½ oz. 75c.

FIREBASKET. Greenhouse grown seed, a medium size red, and very productive variety. Pkt. 20c., 3 for \$1.00, oz. \$2.50.

FORCING GOLDFINDER. Beautiful and productive, glossy red, medium size, very solid, few seeds. Compact habit. Pronounced by many good judges to be the best of all for forcing. Pkt. 50c.

MOORE'S SURPRISE. (New). A most wonderful and valuable novelty. Fruit red, small, and produced in wonderful profusion. Habit of vine open. Pkt. 50c.

MOORE'S BIG CROP. This variety has proved a marvelous bearer tomato which should become so widely grown as this under glass for home use or market; it is bound to give the utmost satisfaction to all. It is of perfect shape, of a deep rich crimson color. The skin is firm without being thick and the fruitfulness of the plant perfectly astonishing. Pkt. 50c., large pkt. \$1.00.

German, Steckhube
French, Navel
Spanish, Nabo Coman

TURNIP

One ounce for 150 feet of drill
1 to 2 lbs. for an acre

Turnips do best in highly enriched, light, sandy or gravelly soil; commence sowing the earliest varieties in April in drills, from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight until the last week in May for early crop, and from August to September for late. August sowings may be made for the fall and main crops. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for, though comparatively hardy, few of the varieties will survive the winters of Northern States in the open ground.

Perfection Red Top Market White Globe.

This fine turnip was brought to America by a very successful English market grower. It is the sweetest, tenderest, handsomest-looking purple top white globe turnip we ever grew. Our illustration, drawn from nature, shows its smooth, regular form and rich, purple colored top. The best early globe variety and the most profitable market sort. Of large size and very rapid growth; fine, juicy quality. It keeps well and is excellent for early or winter market. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.35.

Ivory Ball. The earliest and most perfectly formed round white turnip for garden use. Our stock has been continually selected for many years, resulting in a beautiful shape, with short top and a single tap root. Flesh snowy white, solid and mild in flavor. A most handsome and valuable variety. This turnip has been awarded many first prizes by many horticultural societies and other agricultural bodies. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

M. & S. Teltow Golden. Very popular as a market sort. Of medium size, short top and very rapid growth; globe-shaped bulbs, with deep yellow flesh, very tender, stringless and of delicious flavor. The top of the bulb is of a beautiful light green, while the middle and lower part is of a beautiful rich golden-yellow color. An excellent keeper, remaining solid a long time. Excellent fall and winter sort. Sells on foot. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Cow-Horn Turnip. (Wedge's Original Strain). The principal merit of this strain over the imported sort is it will be found harder and a longer keeper. Specimens can be kept in good firm condition until late in May. The flesh is very sweet, tender and juicy. In some localities it is known as "Sweet French Turnip." The root is pure white, with the exception of a dash of green on the top, very long and smooth, and reaches maturity quickly. Delicious for table use and an excellent one for feeding stock. This is without doubt the largest cropping variety of all. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

PURPLE TOP FLAT, Strap-leaved. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c. This is a most excellent new variety from Finland, with a very smooth skin and fine golden-yellow color. The flesh is firm, tender and sweet, very fine-grained and agreeably flavored. This excellent sort is early, hardy and a good keeper, and is pronounced the finest of all table turnips for fall or winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

PURPLE TOP WHITE GLOBE. Very large, productive variety, excellent for feeding stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 10 lbs. \$3.00.

GOLDEN BALL, or ORANGE JELLY. Very delicate, sweet yellow flesh, medium size, firm, hard, and of excellent flavor; true stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

YELLOW, or AMBER GLOBE. Flesh firm and sweet; grows large; excellent for either table or feeding stock; keeps well. Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Norfolk White Globe, or Snowball. This is a free-growing sort, useful for both table and stock, and may be highly commended for both purposes. Pkt. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

American Green Top Aberdeen. This, which we introduced in 1891, is almost indispensable in every rural household. It is a vigorous, free grower, valuable for both table and cattle feeding. Productive and a good keeper. Having less top than Aberdeen, often sold for it, it may be allowed to stand closer in the row. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Extra Early White Milan. It grows with wonderful rapidity and is the earliest white flat turnip in cultivation. Of splendid quality, small top and single tap-root, it is most attractive, with clear white skin and flesh; fine grained and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Extra Early Purple Top Milan, Strap-Leaved. The bulb is very flat, of medium size, quite smooth, with a bright purple top; leaves few, short and of light color, growing very compact, with an exceedingly small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

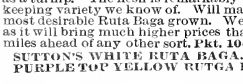
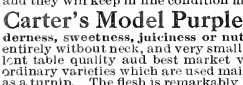
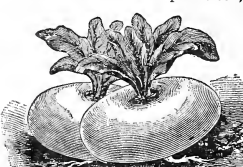
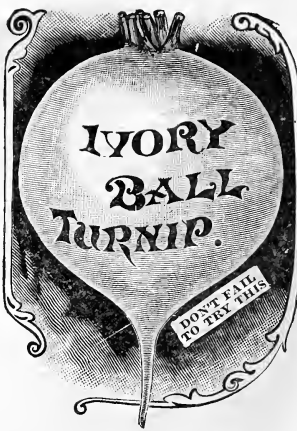
This is the hardest of all sorts, may be left standing in the open ground during winter as far north as Philadelphia. In the abundant foliage for boiling with cured meats, and is only desirable for early or winter market. Clear white skin, and flesh of juicy mild flavor and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 45c.

TURNIPS, or "Swedish" Turnips

These Swedish or Russian Turnips require a longer season in which to grow than do the turnips, and the seed should be sown about the first of July in this latitude. The Carter's Model can be sown as late as August 1st to make large bulbs. The flesh is more solid and richer in flavor than that of the turnips, and they will keep in fine condition more readily during the winter months.

Carter's Model Purple Top Yellow Ruta Baga. No other sort equal to it in point of tenderness, sweetness, juiciness or nutritiousness—all who plant, praise it. Our choicest stock grows entirely without neck, and very small top and tap-root. Very quick growth, good globular shape, excellent table quality and best market variety. It is thoroughly fixed in type and entirely distinct from ordinary varieties which are used mainly for feeding stock. It has short leaves, grows clean and smooth as a turnip. The flesh is remarkably fine grained and delicious in flavor, and it is the best and longest keeping variety we know of. Will mature in fifty days from planting. We pronounce this the best and most desirable Ruta Baga grown. We most earnestly commend this fine sort to all who grow for market as it will bring much higher prices than any other sort. For either home use or market it will be found miles ahead of any other sort. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$2.50.

PURPLE TOP YELLOW RUTA BAGA. Long Island grown. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



The Best Table

Ruta Baga

We wish every one having a garden, and every one who grows Ruta Bagas for sale, to plant this, the "King of All Ruta Bagas."

Something New Agricultural Turnip

Mr. Market Gardener and Farmer, if you have dry, hard, non-porous, heavy, stiff, clayey or "bakey" soil, plant this wonderful turnip on it and all these objectionable qualities of your land will disappear. In this latitude sow the seed about August 1st, at the rate of 3 pounds to the acre. In two months the roots will penetrate the ground from 12 to 15 inches where they are allowed to remain until spring, and the soil will be found to be in a nice friable, remarkably mellow and loose condition, and will produce better crops of anything than ever before. This turnip adds much fertility to the soil and will greatly assist it to retain moisture in dry weather, and will grow better root crops than ever before. The fact is, this wonderful turnip will greatly benefit all kinds of soils. Both the tops and roots are greatly relished by all kinds of stock. Delicious for table use and an excellent one for feeding stock. This is without doubt the largest cropping variety of all the turnips. It is also of remarkable value as a soil crop, and is now being used quite extensively to renovate land, and especially that kind of land classed as heavy, clayey, or non-porous. All kinds of land is thus benefited. Every farmer should plant it most liberally. Try it and be convinced. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

DANISH GOLDEN MILK TURNIP

At the present price of grain for feeding stock the profits of dairying and stock fattening is very much reduced, and the feeding of roots alone offers the solution of profitably conducting many farm industries. The sooner the farmer realizes the immense value of roots of various kinds for feeding his dairy, as well as all other stock he may have, the sooner will he experience that degree of prosperity he has so long waited for. It is the growing and feeding of roots alone that makes the English, Danish and other European dairy farmers so prosperous.

The dairy can be made to pay big profits

If a judicious system of root feeding be practiced. Our Danish Golden Milk Turnip, which we have brought from Denmark, is the best of its class and is the Turnip principally grown in that country for stock-feeding purposes; it is unusually rich in food value and will increase the flow of milk of the richest quality in a manner that will astonish the most skeptical. The roots are of immense size, of a rich golden yellow color, very solid and nutritious, of rapid growth, and a perfect keeper. In point of productiveness it is only necessary for us to say that seventy tons of stock food have been produced on one acre of ground, while from thirty-five to forty tons is no uncommon yield. Can be sown from April to July 1st, broadcast or in drills, we recommend the latter. We recommend early sowing. We advise several sowings be made during the period above mentioned, the last for late fall and winter use. It is also a good sort for table use. Of course it should be fed in conjunction with other food and in this way it will enable any dairyman to reduce his feed bills twenty-five per cent., and will increase his milk supply from twenty to thirty per cent. A trial will convince. Sow from two to three pounds per acre. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

EVERY
DAIRYMAN
SHOULD PLANT
FROM
ONE TO TEN ACRES—
EASY ROAD TO WEALTH
KEEPS WELL
YIELDS ENORMOUSLY
NO
TROUBLE TO
GROW

**DANISH
GOLDEN MILK TURNIP**

For Conditioning or Fattening

COWS STEERS PIGS SHEEP CALVES

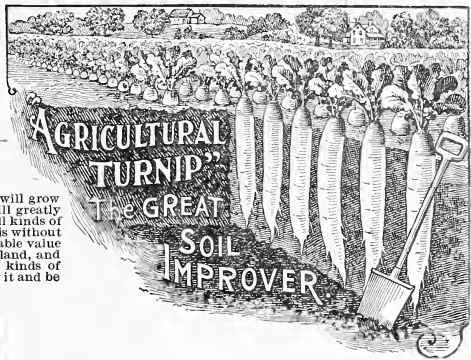
YEARLINGS HOGS HORSES POULTRY

WILL REDUCE FEED BILLS 33.1-3 PER CENT.

IT
WILL
MAKE YOU
MONEY—
IT WILL SAVE
YOU
BIG FEED BILLS—

1000 BUS PER ACRE

IT
WILL
KEEP YOUR
COWS CALVES &
SHEEP
HEALTHY AND WILL
ERADICATE DISEASE—



HERBS

A few pot and sweet herbs (for flavoring soups, meats, etc.) are indispensable to every garden, while some of the medicinal herbs will also be found very useful. Herbs in general love a mellow and free soil, and care should be taken in properly harvesting them in a dry state. The chief points are to cut them on a dry day when not quite in full blossom, and to dry them quickly in the shade, and when dry, to pack them close in dry boxes, keeping them entirely excluded from the air. Sow in spring in drills and thin out. The varieties marked with an * are perennial.

*ANISE. Used for cordial, garnishing and flavoring. The seeds have an agreeable, aromatic taste. Pkt. 5c., oz. 10c., lb. 70c.

*BALM. The leaves have a fragrant odor, and are used for making a pleasant beverage, known as balm wine, also for balm tea for use in fevers. Pkt. 5c., oz. 25c.

*BASIL, SWEET. Used for highly seasoned dishes, as well as in soups, stews and sauces; a leaf or two are sometimes introduced into salads. Pkt. 5c., oz. 20c., lb. \$1.50.

*BENE. The leaves immersed in a tumbler of water will make a drink very beneficial for diarrhea. Pkt. 5c., oz. 15c.

*BORAGE. Excellent for bees. Pkt. 5c., oz. 15c.

*CARAWAY. Sometimes put in soups. Pkt. 5c., oz. 10c., lb. 60c.

*CATNIP, or CATMINT. Used for seasoning. Pkt. 10c., oz. 40c.

*CORIANDER. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

*CUMIN. Seeds are valuable to pigeon fanciers. Pkt. 5c., oz. 20c.

*DILL. *American*. Much superior to imported, used as a condiment, also for pickling with cucumbers. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 70c.

*FENNEL, SWEET. The leaves boiled either into many fish sauces, and are beautiful for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

*HOP ROOTS. Strong roots, 15c., doz. \$1.25 postpaid.

*HOREHOUND. Popular cough remedy. Pkt. 5c., oz. 25c.

*HYSSOP. For making tea for medicinal purposes. Pkt. 5c., oz. 20c.

*LAVENDER. A popular, aromatic herb, emitting a delightful perfume. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

*MARJORAM, SWEET. *American*. The flavor of the *American* is stronger and a better yielder than the imported. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$4.50.

*MARJORAM, Imported. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

*PENNYROYAL. The true pennyroyal is but little known. Particularly suited for certain medicinal purposes. Pkt. 10c., oz. \$1.50.

*ROSEMARY. An aromatic herb. Pkt. 5c., oz. 20c.

*RUE. For medicinal purposes; good for fowls. Pkt. 5c., oz. 15c.

*SAGE. The most extensively used of all herbs for seasoning and dressing; indispensable. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

*SUMMER SAVORY. The leaves and flowers are extensively used for flavoring, particularly in soups and dressings. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

*THYME. *American*. Upright habit; broad-leaved. For seasoning; useful as a tea food; a tea is also made for nervous headache. Pkt. 10c., oz. 40c., lb. \$4.00.

*THYME, Imported. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

*TANSY. For domestic medicines. Pkt. 5c., oz. 30c.

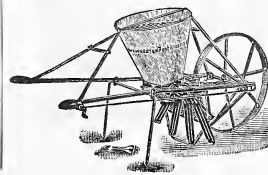
*WORMWOOD. Used medicinally, useful for poultry. Pkt. 5c., oz. 25c.

*TARRAGON. Strong plants. 25c.; by mail, 30c., postpaid.

McWhorter Hand Fertilizer Distributor

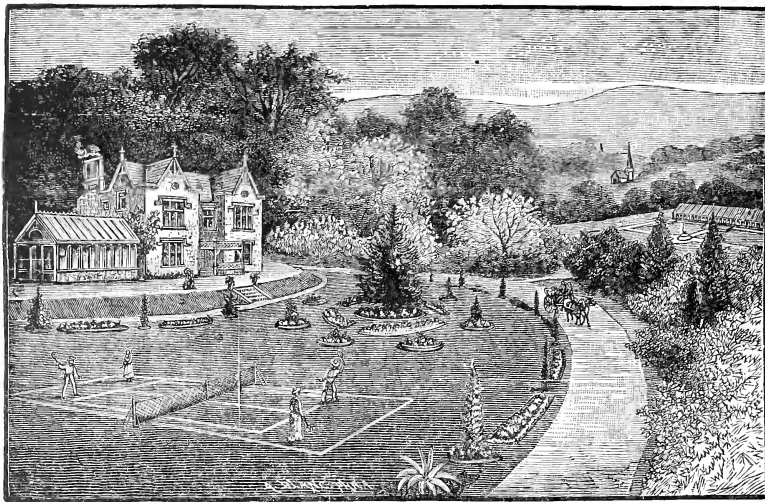
A Complete and Practical Machine
It handles commercial fertilizers in the most thorough and reliable manner.

It distributes the fertilizer in a furrow, beside the growing crop, as a top-dresser or as a broadcaster in any way that may be desired, from a narrow stream up to a uniform spread of over two feet without removing a bolt. We guarantee it the best hand fertilizer drill ever made. We have all repairs for this drill. Price, \$11.00.



Moore's Lawn Seeds for all Purposes

WE HAVE MADE THE FORMATION AND RENOVATION OF LAWNS A STUDY FOR YEARS AND MANY OF THE MOST BEAUTIFUL LAWNS AND PLOTS IN AMERICA WERE PRODUCED FROM OUR LAWN GRASS SEED.



THERE is nothing more charming than a well-designed house surrounded by artificially treated grounds; and of the essential features of home grounds none is so important as a beautiful lawn—the rich, smooth, velvety turf being the heart and life of all.

MOORE'S SPECIAL MIXTURES OF GRASS SEEDS

In preparing these mixtures for their respective uses, only such varieties of grasses are used as have been found by our long experience to produce the results desired. These Special Mixtures of ours will be found to give much better results than where one uniform mixture is used for all purposes, and each mixture is especially made up for the purpose intended with a view of using only such varieties for the soil and purpose of each particular case.

Note.—We shall be pleased to make special mixtures for particular purposes or to suit exceptional conditions of soil, situation or climate—for very sandy or clayey ground, for very dry or wet situations, for steep slopes, terraces, tennis courts, croquet grounds, polo grounds, etc. We invite consultation about any difficult cases experienced in getting the right turf for any purpose or in any place.

Beautiful Lawns Are Made in from Four to Six Weeks with IMPORTED ENGLISH LAWN GRASS SEED

Our English Prize Lawn Grass is superior to all others. Nothing adds more to the attractiveness of a rural home than a well-kept, close, velvety lawn. The first requisite is good, clean seed, and for this purpose we can confidently recommend our *Imported English Prize Lawn Grass Seed*. This is the very best quality of a mixture of the finest varieties of natural grasses, embracing such as are of neat growth, hardy and best adapted to produce a permanent and fine turf, of luxuriant, green, velvety appearance during the spring, summer and late summer months, and at the same time not "freeze out" during the winter, as all other sorts do. The mixture we offer has stood the test of years, and our rapidly-increasing sales prove conclusively that its merits are widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only must be used. Our *Imported English Prize Lawn Grass Seed* is praised by all who use it. It produces an immediate effect. One pound will sow a plot 15 x 20. Pkts. 10c., $\frac{1}{2}$ lb. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. and upwards, 35c. per lb. If by mail add 8c. per lb.

MOORE'S PERFECTION LAWN GRASS

Produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, deep and elastic turf, and it is often ready for cutting in four weeks from time of sowing. This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that flourishes under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth, and velvety sward, free from clumps,

is maintained from snow to snow, year after year, and without burning brown in summer, its constant luxuriance rivaling the famous lawns of Old England. Nothing but the purest, cleanest and heaviest seed of the highest germination is used in its composition and it will be found absolutely free from weed seeds. This is the cheapest American seed ever offered. It makes a thick, close turf of the most lasting character in a few weeks' time. 20 lbs. per bushel. Two quarts will sow a plot 20 x 20, and we recommend not less than 5 bushels per acre. Pkts. 15c., qt. 25c., 4 qts. 85c., pk. \$1.50, bu. \$5.00.

MOORE'S SPECIAL "EVERGREEN" LAWN GRASS

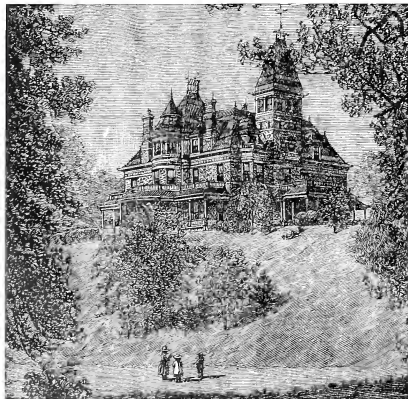
This mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of carefully blended Grasses which are adapted for the purpose of producing lawns which retain their rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly reseeded, the light seed and chaff having been blown out, thus securing a strictly high-grade mixture and will be found much more satisfactory than that usually sold by others under this name. 20c. per qt. (25 cts. postpaid); 4 qts. 60c., pk. \$1.00, bu. of 20 lbs., \$4.00.

FAIRMOUNT PARK LAWN GRASS

While not so good as our Special "Evergreen," this is better than most mixtures offered under the name of "Fairmount Park." It is carefully compounded of Grasses which ripen successively, thereby retaining their green appearance. For various soil conditions this mixture is well suited, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on railroad embankments, terraces and exposed lawns, also for renovating old worn-out lawns, and re-seeding bare places. 15c. per qt. (20 cts. postpaid); pk. 30c., bu. of 10 lbs. \$2.75, 5 bu. \$13.00, 10 bu. \$25.00.

SPECIAL TERRACE SOD LAWN GRASS SEED

A special mixture of grasses best suited for sowing on terraces, railroad embankments and side hills—grasses that produce strong, spreading, deep penetrating roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for though strong-rooted, the grasses are equally as fine-leaved as those used in our Perfection Mixture. 30c. per qt. 4 qts. \$1.25, pk. \$2.00, bu. of 25 lbs., \$7.00. Delivered free in any part of the U. S.



Terrace Lawn

Moore's Prize Grass Mixtures for all Purposes

Moore's Special

"SEASHORE"

Lawn Grass Seed.

Along our seacoast there are many beautiful summer homes and resorts with such sandy soil surroundings that a turf of the favorite lawn grasses cannot be produced. We have so often made up a mixture of special grasses to thrive under these trying conditions that we have concluded to offer it for the benefit of others who may be having the same "trouble in getting grass to grow." We do claim that our "Seashore" Lawn Grass will make a lawn equaling in fine velvety texture those produced with the "Perfection Lawn Grass Seed" inland. Our "Seashore" mixture will make a good turf of green on sand where the finer grasses are not so likely to thrive, though, of course, the sand must be top-dressed with not less than 2 inches of soil and from 600 to 1,000 lbs. of Diamond Brand Raw Bone Flour per acre before even our "Seashore" grass seed is sown, to enable the young grass to get a start, after which the long roots—peculiar to the varieties we use in this mixture—drive down deeply in the sand and remain permanently self-sustaining, if attention is given to sprinkling during dry weather. Use at the rate of one quart for 10 x 15 sq. ft.; 5 bushels per acre. Qt. 25c., 4 qts. 75c., pk. \$1.25, bu. \$1.50, delivered free in any part of the U. S.



Sown With Moore's Special "Seashore" Lawn Grass Seed

This is a special blend of deep-rooting, fine-leaved, turf-forming grasses and clover especially sown for the formation of a dense, smooth, enduring turf for cricket grounds, polo grounds, ball grounds, etc. This mixture forms a thick, strong, enduring sward that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable, with attention to rolling, fertilizing and mowing, should be ready for hard use in 8 weeks from sowing. As for cricket and ball grounds on which our grass seeds have been used, they are no more to be secured in 8 weeks from time of sowing and lasting indefinitely. We thoroughly understand the requirements, and will at all times be pleased to correspond with and advise Greens Committees.

MOORE'S "SPECIAL GRASS SEED MIXTURE"

For Cricket, Polo and Ball Grounds

This is a special blend of deep-rooting, fine-leaved, turf-forming grasses and clover especially sown for the formation of a dense, smooth, enduring turf for cricket grounds, polo grounds, ball grounds, etc. This mixture forms a thick, strong, enduring sward that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable, with attention to rolling, fertilizing and mowing, should be ready for hard use in 8 weeks from sowing. As for cricket and ball grounds on which our grass seeds have been used, they are no more to be secured in 8 weeks from time of sowing and lasting indefinitely. We thoroughly understand the requirements, and will at all times be pleased to correspond with and advise Greens Committees.

MOORE'S SPECIAL MIXTURES

High Grade Grasses for Golf Links, Tennis Courts, Fair Greens and Putting Greens

We have given much attention to grass mixtures of this kind. The mixtures we offer below are largely composed of foreign varieties that will thrive here, with the addition of several equally fine American varieties, and are the result of experiments conducted on our grounds, as well as of the selection for several years of the best results obtained on Golf Courses sown with our grass seeds. By the use of these Mixtures, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled, and, if conditions are favorable, a good playing turf may be secured in 8 weeks from time of sowing and lasting indefinitely. We thoroughly understand the requirements, and will at all times be pleased to correspond with and advise Greens Committees.

MOORE'S "PUTTING GREEN" GRASS MIXTURE. The varieties of grasses comprising this Mixture are all of the finest bladed low growing and most hardy kinds, and will maintain their rich velvety green color throughout the season. Also good for terraces, steep slopes and embankments. **Qt. 30c., 4 qts. \$1.25, pk. \$2.00, \$7.50 per bu. of 25 lbs. JAMES' PUTTING GREEN MIXTURE. \$10.30 per bu. of 30 lbs. MOORE'S "FAIR GREEN" GRASS MIXTURE.** American Formula bu. of 20 lbs. \$4.00. English Formula, bu. of 25 lbs., \$7.00.

"TOUGH TURF" GRASS SEED

For Tennis Courts, Croquet Grounds, Bowling Greens, etc.

Under congenial conditions it will be ready for mowing 4 weeks from sowing, and in 6 weeks ready for play. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth and durable. These requirements are met in our "Tough Turf" Mixture. It quickly forms an indestructible turf standing wear and tear of outdoor games, and is constantly green; it is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting grasses, that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted, evergreen sward, even in dry weather. These varieties, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than 2 quarts should be used for 300 square feet, 5 bushels per acre; half that quantity will do for lawn renovating. **Qt. 30c., 4 qts. \$1.00, pk. \$1.75, bu. of 20 lbs. \$6.00.** Delivered free in the U. S.

"SHADY SITUATION" LAWN GRASS SEED

(OUR SPECIAL MIXTURE)

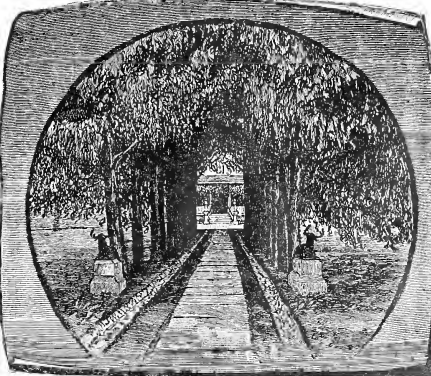
On many lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into grass, but with this (Our Special Mixture) there need be no further difficulty. It is a combination of fine, dwarf-growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour," and if the drainage is defective it is apt to be covered with moss and coarse bog grasses. In such cases an application of slaked lime, at the rate of 1 bushel to each 1,000 square feet, or 4 bushels to the acre, is an excellent corrective and sweetener, but the moss should be first removed by the use of a sharp rake. Our special mixture has been successfully used on many large operations. **Qt. 30c., 4 qts. \$1.00, pk. \$1.75, bu. of 20 lbs. \$6.00.**

About Lawns and Lawn Grass Seed

FORMATION OF LAWNS FROM SEED

It is a well-ascertained fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. *The quantities given are the minimum, and may often be increased to advantage.*

The ground should be thoroughly drained and well prepared. The soil ought not be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled in order to press the seed firmly into the soil. The proper time to sow grass seed depends, of course, upon the latitude. In the Central and Eastern States from March 15th to the middle of May is the best time, but in favorable seasons the sowing may be done up to July 1st. Seed may also be sown in the fall, provided it is done early enough to secure a good, strong growth before winter sets in. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable.



Shady Situation

IT PAYS
TO PLANT

FARM SEEDS

Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. **HALE'S EARLY PROLIFIC** has **GAINED A NATIONAL REPUTATION**, and we supply each year hundreds of customers in every State of the Union, from **NORTH, SOUTH, EAST AND WEST**. The prices quoted are subject to market fluctuations.

THE BEST.

Mennonite Prolific Spring Rye

Distinct and Valuable

Most productive sort. Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown throughout the Middle and Northern States in place of oats, being a much more profitable crop on account of its producing about four times the straw, and also as a catch crop where winter grain has failed. The straw stands stiff, 7 to 8 feet high, produces 35 to 45 bushels of grain per acre; as it does not stool like winter rye. It can be sown at the same time as Spring Wheat, not less than 2 bushels to the acre should be sown. The value of Mennonite Prolific Spring Rye Straw per acre is double that of winter rye, and is worth more than that of oats and its straw combined. The seed is as large as winter rye and of a slight greenish color.

If we could introduce here one-tenth of the letters that we get from farmers thanking us for urging them to plant some of our Prolific Spring Rye, it would do your heart good to read them. Farmers tell us that they have made a great deal of money by following our advice on rye, wheat, oats, corn, grasses, etc., and we know that there is nothing better to make money out of than our Mennonite Giant Prolific Spring Rye. This is grown on our farms in Pennsylvania and New Jersey, and is a heavy yielder and does splendidly everywhere. We ran short last season in filling orders, but this year have several thousand bushels more, and we hope that orders will be sent in early so as not to disappoint anybody. This magnificent rye is of recent introduction and was originally exclusively grown by the Mennonites of Pennsylvania from whom we obtained our original seed and it has proved to many of our customers a better money-maker, a surer money-maker, a bigger money-maker and an easier money-maker than any other cereal planted, as good Spring Rye brought as good a price as wheat, and yielded from 10 to 30 bushels per acre more; as a stock food it is very nutritious and the grain is superior to Winter Rye, Wheat or Barley for feeding. It is a magnificent sort and will flourish anywhere where Winter Wheat or Spring Wheat will grow. Nurserymen have found it valuable to sow and plow under when about 18 inches high as it is thought to eliminate root gall or root cancer from the soil.

AS A CATCH CROP

We sowed some of our Mennonite Prolific Spring Rye on winter wheat that had died out, waiting until almost April, and found it did splendidly. It gave us a yield of over 40 bushels per acre. It is one of the very best things to sow for a catch crop, as it always gives good yields. Price of our Mennonite Prolific Spring Rye: lb. 30c., 3 lbs. \$1.00, postpaid; by express or freight, pk. 25c., bu. \$3.25, 2½ bu. \$5.50. **SPRING RYE**—ordinary sort, pk. 60c., bu. \$2.00. Large buyers will be quoted special prices on application.

WORDS OF PRAISE

P. P. GHEEN, Overlook Farm, Pa., writes: "The Mennonite Prolific Spring Rye is the finest ever produced. Had an average yield of 40 bushels per acre and sold the straw for \$1.00 per ton."

THOMAS W. LOGAN, Overseer, Crosswalks Farms, Pa., writes: "Your Mennonite Prolific Spring Rye did finely for me. The grain is large and the straw is in great demand."

LINFORD LEFFERTS, Manager, Linwood Farm, Pa., writes: "Mennonite Prolific Spring Rye is well named. The grain and straw is a wonder. Every farmer should have it."

EXCELSIOR WHITE WINTER RYE

A variety from Vermont that has never failed to yield at least 40 to 50 bushels per acre. With the originator, a four-acre field yielded 52 bushels to the acre. **Pk. 70c., bu. \$1.75, 10 bu. and over \$1.60 per bu.**

HALE'S

Early Prolific Soja Beans

The Great Soil Improver, Makes Richer Feed Than Other Crops. Makes Poor Land Rich, Makes Rich Land Richer, Makes Good Land More Productive, Also Makes a Splendid and Nutritious Forage Crop for Fattening all Kinds of Stock, Enriching the Soil, Even When the Crop is Cut Off.

HALE'S EARLY PROLIFIC SOJA BEAN.

This Soja Bean is called by many an agricultural wonder on account of its great prolificness, its wonderful vigor of growth, its adaptability to all climates and soils and its enormous yield of green forage. Its chief value, however, lies in its great fertilizing qualities. The most eminent authorities on farm fertilizers pronounce it a better soil enricher than the average fertilizer drawn from the barn yard. It has been demonstrated beyond dispute that it requires longer to enrich a worn-out piece of land by the use of barnyard fertilizer than by sowing plenty of Hale's Prolific Early Soja Beans and plowing them under. Two crops a year can easily be raised and plowed under on the same piece of land by sowing quite early in the spring as soon as all danger of frost is past. Broadcast at the rate of 90 lbs. per acre; or drill 12 inches apart, and plow under when 30 inches high. Sow the second crop at the same rate. The second crop can be plowed under, cut for food or grazed. The next season the land will be in fine condition for any kind of a crop. The Hale's Early Prolific Soja Bean is superior to any other kind of soja bean or cow pea as a soil enricher. Its great fertilizing powers are due to its ability to draw nitrogenous nourishment heavily from the air and conveying the chemical thus gathered to the soil, thus enriching it to a degree that is most remarkable. In our Soja Bean we have a food and fertilizer combined. If not desired as a fertilizer it makes a highly nutritious food for cattle. As it draws great quantities of nitrogen from the atmosphere it thus ranks among the best fertilizers. The vines, properly cured, are a most desirable fodder crop for all kinds of cattle. The ripe seed contains nearly 20 percent of digestible protein, and is richer in fat and protein than the best clover hay. If desired, the plants can be harvested for the grain and the plants plowed under to fertilize the soil. The seed can be ground and fed to cattle. The seeds are the richest known vegetable substance, and when

GROW RICH.

Make Your Own Fertilizer by Planting Hale's Early Prolific Soja Beans.

ground and fed to cattle give a milk richer and better than cotton seed or other meal. The leaves and stalks also make excellent fodder when fed green. All kinds of land can be greatly improved by plowing under a crop of Hale's Early Prolific Soja Beans. The yield of dry beans is from 25 to 60 bushels per acre. The Hale's Early Prolific Soja Bean has come to stay. There are several varieties now on the market, but repeated trials at many state experimental stations have proven beyond doubt the Hale's Prolific Early to be superior in earliness, productiveness, and soil enriching qualities than any other out of some thirty varieties tried. A good yield of Hale's Early Prolific Soja Bean is 30,000 pounds of peas and vines per acre. Another great point of value in the Hale's Soja Beans is that they resist drought to a remarkable degree, and will make a good crop where under similar conditions other crops will prove almost a failure. Send your orders to us and get the genuine. By express or freight, qt. 25c., pk. \$1.15, bu. \$4.00.

WILSON Imperial Black Sojas

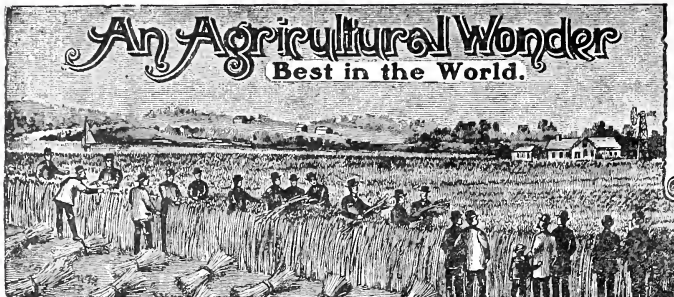
One of the best. In our opinion, for the Northern States, where a quick, early variety is desired. Average height on good land is 2½ to 3 feet. A very prolific variety; and requires about 90 days to be ready to cut for hay. **Qt. 25c., pk. \$1.15, bu. \$4.50.**

Mammoth Ito San Sojas

A very satisfactory variety to grow in a short season. Makes enormous growth and fine hay. Branches well, so as to be very satisfactorily mown. The plants are of medium size, and thrive well on any kind of land; is a sure cropper and a vigorous rapid grower and more nutritious than cow peas. Will mature as far north as southern Wisconsin and southern New York. **Qt. 25c., pk. \$1.15, bu. about \$4.50.**

An Agricultural Wonder

Best in the World.



New Zealand OATS.
IT'S A SURE CURE FOR HARD TIMES.

It will Pay You Big to Change Your Seed Oats This Year

It will pay you to sell your common Oats and sow these improved varieties this year while the seed is so cheap. In our field the New Zealand Oats yielded about 100 bushels to the acre, and the Lincoln 90 bushels, while neighboring fields of other varieties under similar conditions yielded only 40 to 50 bushels. The increased yield on a few acres will cover entire cost of seed for your farm.

New Zealand Oats

Progressive farmers who have grown them pronounce them to be the most valuable Oats ever grown in America.

It contains more new blood, hence more vigor and producing qualities than any other Oat we know of.

It has stood the test on 17,500 farms, scattered all over America, in the remotest corners and obscurities of each state and territory—everywhere it did well, despite the most terrible season ever known.

This is absolutely the earliest Oat grown. Nothing like it in earliness that we know of. Our crop was ripe and cut and stacked eight days before other sorts were ripe, which stamps this variety as absolutely the earliest in existence.

It means big money to the farmer. That's what the earliest Oats always bring in the market, and especially on

150 Bushels Per Acre.
Greatest Mortgage-Lifter in the World.

The farmer, too many farmers are short of Oats in the summer when this ripens.

It withstands Drouth. No sort that we have ever tested so thoroughly and completely withstand dry weather—yes, long continued hot drouths as New Zealand; the price of our New Zealand Oats is 1 lb. 30c., 5 lb. 85c. (postpaid), pk. 50c., 1 bu. \$1.85, 2½ bu. \$4.00, 10 bu. \$17.00, 20 bu. \$33.00 sacks included; indeed, it seems to be proof against every element of nature in the shape of weather, withstanding all and yielding heavily.

Strong Straw. Now, then, New Zealand Oats have wonderfully stiff straw, withstanding severe winds to a marked degree and coming forth after storms standing straight, erect—a pleasurable sight to behold. When other sorts lodge badly, this stands up like a strong stone wall.

Yield. This is simply enormous, some say from 60 to 100, 150, yes, 200 bushels or more per acre, but we honestly believe that 140, yes, up to 200 bushels or more can be grown per acre under careful cultivation; when specially planted it has yielded as high as 250 bushels per acre.

The color is a beautiful silvery white, beautiful in the extreme, aids it to sell quickly and rapidly at an advanced price in almost every market on the globe. The color alone makes it a great seller.

No Oat exceeds this in excellent quality, and it has that advantage that it will make more and better oat meal than any other known Oat at the present day, while all horses will fight for it for food. All millers who have seen it pronounce it excellent in the extreme.

Now, then, here is an Oat that makes profitable farming absolutely certain in any state from Maine to California, and south to the Gulf and north through Canada. This Oat, if sown, will insure profitable farming. It will certainly yield from 20 to 100 bushels more per acre than of the common varieties, which will ten times pay the cost of the seed.

The price of this Oat is ridiculously low, but that's the way we do when we have a good thing; we sell at a low price, so that all farmers can make money out of it.

The Last Forty Bushels. It is the last forty bushels per acre that makes farming profitable. If the common sorts yield 30 bushels per acre and this gave you 70 bushels, the last 40 bushels would be the profit; but if this gave you 150 bushels, it is very easy to figure out great profits on 100 acres or more. Try it and convince yourself.

GROW WONDERFUL ARABIAN CORN FOR Poultry



Can be planted anywhere and thrives anywhere in the United States, and is the cheapest poultry food known. Stalks grow four feet high and produce numerous heads of grain 12 to 15 inches long. The yield of grain is simply enormous, averaging about one pound when fully ripe. Plant same time as field corn. It is a wonderful egg producer and flesh former, besides it is a wonderful health promoter. All poultry and pigeons eat it greedily. The leaves and stalks make excellent forage for cattle either green or dry. 5 pounds

will plant an acre. Unaffected by drouth or dry summer. Sow in 3 foot rows. Pkt. 10c., (lb. 35c., postpaid); by express, lb. 25c., 5 lbs. \$1.00.

Every Progressive Farmer Should Know

OATS In bushels and value ranks 4th as a staple farm crop. It is a crop that is absolutely indispensable to the prosperity of the American farmer, for many reasons. It is not only an imperative commodity as a food for both man and beast, but as a rotation crop nothing takes its place. It is nature's only perfect balanced food for stock feed. Meantime it is not appreciated as a money crop in this country as it is in older countries; nor does it have anything like the attention it does there. In fact in these older countries much more careful attention is given to varieties and quality of seed than in this country where, we are sorry to say, oats are sowed and grown more as a makeshift than the profit there is to be derived by proper attention. In Germany, notably as well as in Sweden, Norway, Denmark, New Zealand, Russia and numerous other countries oats is one of the most important crops grown, and on land that has been in cultivation four, five and six hundred years they are producing two to three times as many bushels per acre as we are in this country, on practically virgin soil, capable of giving much larger yields than are obtained in any of these old countries. **WHY IS THIS?** It is because they give much more careful attention to improving and improved varieties and cultivation than we do in this country. With the same care and attention here that is given there **OUR OAT CROP COULD BE MUCH MORE THAN DOUBLED.**

In making up our list of Seed Oats this year we have discarded all the common old run-of-the-mill varieties and are listing only the cream of all the best improved varieties, and, **YOU, our customers, will find all the best and most improved varieties there is grown or offered anywhere, also just what we have represented them to be.** Read over descriptions of different varieties; select whatever may seem best to meet your requirements, purposes and locality and let us have your orders, and you may depend upon receiving the best quality and grade, and of pure stock.

SWEDISH VICTORY OATS

This grand new oats was originated by the Plant Breeding Society in the Province of Scania, Sweden, an institution maintained by Swedish farmers and subsidized by the government of Sweden. It is the highest development in Oats achieved up to date by this famous institution, and was called Victory by them on account of its remarkable properties signifying a long step forward in the breeding of oats. We have been selling Victory Oats now for 3 years to many of the largest and most critical farmers in this country with the most satisfactory results. These new oats out-weighed and out-yielded every other kind of European oats. The other excellent characteristics of these oats, distinguishing them from all others, is their ability to withstand wind and storms to a most remarkable degree, and to grow on rich, well manured land without lodging; their straw seems to be stiffer, more elastic, firmer than that of any other kind we have ever grown.

Victory is a cluster oats; the heads are rather short but are densely branched; the spikelets are small and short, generally containing but 2 grains, which are short but broad, of bright white color and beardless; they are always very plump and heavy, weighing 40 to 50 lbs. per measured bushel. The straw is of medium height, strong and stiffer than that of any other similar oats. Victory yields immense crops of handsome, plump, white grain, of high feeding value; ripens early at about the same time as the well-known Swedish Selected Oats.

We feel sure, judging by the thorough tests which we have given them, that Swedish Victory will be found everywhere the greatest and best Swedish Oats ever offered to the American farmer.

Our seed is home grown and acclimated and adapted to our climate.

PRICE, Swedish Victory Oats, per peck 65c., per standard bushel \$2.10, 10-bushel lots and upward, per bushel \$2.00, 100-bushel lots, per bushel \$1.90.

RUSSIAN SIXTY-DAY OATS

The seed of this valuable oat was secured in Russia by the United States Department of Agriculture. This oat has a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats.

Oatmeal is becoming a staple in the United States as it is in Scotland and our mills are handicapped by the lack of good oats.

The heads are very large in proportion to the stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. As a rule, oats yield a greater profit an acre than wheat, and they are also a more reliable crop. The Russian Sixty-Day Oats has made a fair crop on light, gravelly land where other sorts failed entirely. The demand for this variety last season exhausted our supply and we suggest early orders to avoid disappointment.

PRICE, Russian Sixty-Day Oats, per peck 55c., per standard bushel \$1.60, 10-bushel lots and upward, per bushel \$1.55, 100-bushel lots, per bushel \$1.50.

LONG'S WHITE TARTAR OATS

An Ideal Oat for the American Farmer

The earliest, heaviest and most prolific domestic-grown Slide Oat in cultivation. It is suitable for all soils; of robust and vigorous constitution, is remarkably early and an immense cropper; the straw is long and stout, stands up well and does not readily lodge or twist. The heads measure from 8 to 10½ inches, and the kernels are of immense size, thick, plump and heavy, it is undoubtedly the heaviest cropping domestic white oat ever offered. It has a record of 48 bushels per acre, and we never knew it to show any stunt.

Its extreme earliness, great length and strength of straw, thick, plump grains and the heavy yields it is capable of producing give Long's White Tartar all the necessary qualifications with it to make it an Ideal Oat. Sow 3 bushels per acre.

PRICE, Long's White Tartar Oats, per peck 50c., per standard bushel \$1.55, 10-bushel lots and upward, per bushel \$1.50, 100-bushel lots, per bushel \$1.45.

MAMMOTH JAPANESE BARNYARD MILLET

Enormously Productive

It has proven to be very valuable and is highly recommended for the following reasons: It will grow 5 to 8 feet in height and will yield 15 to 25 tons per acre. It may be sowed, fed green or cured into hay, and its feeding quality is always superior to fodder corn. Thrives best on low moist soils, especially rich sandy loams. It can best be sown at any time from the first of May to the end of July, either broadcast at the rate of 20 lbs. per acre, or in drills, using 15 lbs. of seed per acre. The seed so far has been scarce and high priced, but we can offer it at a lower price than usual.

PRICE: 1 lb. 30c., 4 lbs. \$1.00, postpaid. 1 lb. 20c., 20 lbs. \$2.50, 50 lbs. \$6.00, 100 lbs. \$11.00.



Victory
Swedish
Oats



Very Valuable Hay for Stock Raisers.

Vicia Villosa succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter. Our extensive trials show.

It is a tremendous yielder, producing all the way from 5 to 7 tons of the very best hay imaginable per acre.

Culture. It is a great stoober; therefore but 45 to 60 pounds are sown per acre, either broadcast or in drills three feet apart. To get the best results from it, sow about one-half bushel of Rye, Oats or Barley with it, to furnish support for the vines. On good, rich soil it yields enormous crops of green fodder, running from 10 to 15 tons to the acre. It is also a remarkable grower on sandy

and thin land. If sown in rows it will soon cover the ground as a complete network, furnishing a tremendous amount of luxuriant fodder. As a fertilizer it has but few equals, as it enriches the soil very quickly, and can be plowed under twice annually. When intended for hay, Sand Yetch should be left standing until the flowers have, for the most part, given way to the pods, and some of the seeds become well formed. The crop is then ready for the mower, and will yield, according to the soil, from 3 to 6 tons (dry) per acre, dry weight, express, 1 lb. 30c., 10 lbs. \$2.75, bu. of 60 lbs. \$15.00, 100 lbs. and over 24c. per lb.



THE GREAT FORAGE PLANT.

Teosinte (*Reana luxurians*) is a plant resembling Indian Corn in appearance; it grows very quickly and produces a large quantity of foliage in warm locations. The leaves are much longer and broader than those of corn, and also more abundant, while the stalks contain a sweeter sap. The seed should not be sown until all danger of frost is past. If cut off for green forage, which can be done at any stage during growth, two or more joints should be left at the base of the stalk. These will sprout out quickly into fresh growth, making an even larger crop than at first cutting. With us the plant yields two good cuttings in a season. Further south more cuttings may be made, while in the Gulf States as high as five cuttings can be had in a single season. In the Northern States we should advise drilling the seed thinly in rows four feet apart, leaving the plants one foot apart in the row. These plants sucker freely and soon produce a matted row of stalks. The forage is exceedingly tender and is greedily eaten by horses as well as cattle and sheep. Price of seed: Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 80c., postpaid. By freight or express, not prepaid: 1 lb. 70c., 5 lbs. or more at 65c. per lb.

ALL PRICES OF FARM SEEDS are subject to MARKET CHANGES.

DANISH FIELD PEAS

"Peas could be made to bring more nitrogen to the soils of this country every year than the great country something to think about for the cost of millions of dollars." Year book of the U. S. Department of Agriculture.

The above statement, coming as it does from a reliable source, gives the progressive farmers of this great country something to think about. Grain has been grown year after year on many farms, sapping the life and fertility of the soil. Here is a crop which is not only profitable but will return to the land the most needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. The vines of Danish Field Peas make rich, nutritious hay, and are far superior to all other sorts for forage purposes. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will almost be doubled.

When sown alone about three bushels are required to the acre. Their value as a forage crop is greatly increased when sown with oats, any kind of oats will answer, but Black Norway are the best. When sown together use 1 bushel of peas and 1½ bushels of oats an acre. By so doing a double crop can be secured.

They can be sown alone or with oats and fed green. It is surprising the large amount of fodder which is produced in this way. If sown together, the peas should be sown first and plowed under about four inches deep; the oats may then be drilled in.

For plowing under when peas and oats are sown together and each are "in milk," they are nearly equal in value to Clover, used in the same way, to enrich the soil. Danish Field Peas and Oats make one of the largest yielding and most nutritious spring forage crops that can be grown. They make a complete food for all stock feeding, grain being unnecessary. This crop makes a very cheap food for all kinds of stock and very especially so for Milch Cows, it will reduce the cost of feeding in the usual way fully twenty-five per cent and increase the flow of good rich, nutritious milk from twenty-five to fifty per cent. To get the best results sowing should be made as early in the spring as the ground can be properly worked.

Plant Danish Field Peas and your New Zealand Oats and grow rich. Danish Field Peas are a great nitrogen gatherer, thus greatly benefiting the land. ¼ pk. 60c., pk. \$1.25, bu. \$4.50.

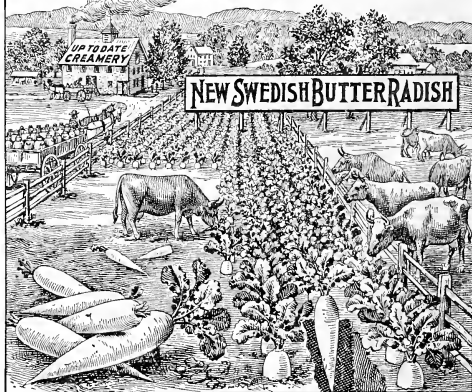
THOUSAND HEADED RAPE

As in the case of Dwarf Essex Rape, we were the first American seed house to offer and call public attention to this pasture plant. We were led to do so by its growing popularity in England, where, on account of the enormous amount and superior quality of feed it affords, it is rapidly succeeding Dwarf Essex Rape in some sections and among many shrewd farmers. Thousand Headed Rape is a hardy plant. The plants stand to a height of three to four feet. The stem is covered with leaves which form small heads. Animals, cows, hogs and especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or broadcast, and we think drilling is better. If drilled, plant in rows 30 to 30 inches apart, so that plants may be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling use ¾ to 1 pound of seed to the acre. In broadcast 1½ pounds to the acre.

Prices by mail, postpaid, large pkt. 5c., ¼ lb. 15c., lb. 50c. By express or freight, lb. 35c., 5 lbs. \$1.65, 10 lbs. \$3.00.

Oderbrucker Great Beardless Barley

It's the greatest Barley novelty on earth, for a Barley without a beard is a novelty; and then, when you can get such a Barley as this, beardless, easy to harvest, fine to thresh, tremendous in yield, what more do you want? Twelve years ago we first introduced the Beardless Barley, and this was quickly taken up by a number of seedsmen and sent out under high-sounding names. We then did not push the Beardless Barley because we had it not perfected. It is just the Barley that you have been looking for. We know it, because we have farmed for so many years, and how often were we annoyed and vexed in harvesting the common varieties of Barley that were covered with long, sharp, sticky beards! Now this is all done away with, and thousands of farmers will be more than delighted and pleased with the results. Indeed, there is no finer Barley in the country than this Beardless Barley, and of such feeding value. We feed it to our horses, cattle, hogs and sheep, and they flourish, grow fat, and keep healthy and happy. It is a positive fact that your horses and cattle will thrive faster and better on a change of food than on corn only, and we know of nothing that will make a better change than Beardless Barley. Pkt. 10c., qt. 20c., pk. 85c., ¼ bu. \$1.55, bu. \$3.00.



New Swedish Butter Radish. Every one having cows should plant this valuable radish. We know of no root crop that does as good health or prevent disease in milch cows like this. It is a great milk and butter producer; both the tops and roots are greedily eaten. Flesh white and compact. Acts as a fine stimulant and causes perfect digestion, thus increasing the flow and quality of the milk. The roots stand a length of 15 inches by 6 inches in diameter. The yield per acre is double that of ruta bagas or turnips. Can be stored like mangel beets or turnips during winter, and the culture is the same. Sow 3 to 4 pounds per acre. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 50c., 3 lbs. \$2.25.

New Assiniboia Fire Spring Wheat

This remarkable new spring wheat from the Assiniboia Valley, Canada, does the best in the Eastern and Middle States. It is a remarkable semi-hard wheat, yielding immense large crops and is free from rust. Our millers here pay more for it than any other sort. It is fully equal to the old fire wheat and yields a very much larger crop. It is now the main crop in the Northwestern States, and the great milling firms use it for their highest grade flour, and it has been the most reliable variety one year with another, yielding a good crop where other sorts fail. Our seed this year is very fine and we are sure it will please our customers. It is a wheat of superior quality, of beautiful form and shape, and although the kernels are not as fine and large and plump and big as ordinarily, yet they will surprise and please you, and when it comes to yield there is nothing that will give you better results than our wonderful Assiniboia Fire Spring Wheat.

This variety of spring wheat is the result of long and careful experimenting, obtained through crossing and careful selection. We consider it the most prolific, heaviest stooling, strongest growing variety of spring wheat with which we are acquainted. The ear is very long and filled up to the point with fine, plump kernels. **80 bushels per acre**—Reports of enormous yields on this great fattening wheat, this splendid food and flour producing wheat, come to us from the Dakotas, Nebraska, Kansas, Idaho and Montana, and in fact everywhere it is grown, including in many cases 80 bushels per acre! Our farmer friends will do well to give it a thorough trial. We know they will like it, and we know it will pay them to pay double the price we ask for it. **Pkt. 90c., ½ bu. \$1.75, bu. \$3.50.**

BROOM CORN

ONE OF THE BIGGEST MONEY-PAYING CROPS IN THE WORLD

The tall varieties do best. Our Wisconsin Evergreen has produced over a ton of brush per acre and 500 lbs. of seed. The market prices of the brush varies greatly according to the crop, from \$80.00 to \$100.00 a ton. Broom Corn can be grown where corn grows and requires the same treatment. It should be planted later, however, when the ground is quite warm; only 70 to 80 days are needed to produce a crop. The seed makes good feed for the stock. Plant in drills 3 to 3½ feet apart, the plants 2 to 3 inches apart in the rows according to height; 10 lbs. of seed are sown per acre.

Wisconsin Improved Evergreen. This Broom Corn grows about 8 to 10 feet high, stands up well, and, is entirely free from crooked bristles. Produces fine heads of long brush. It is strictly a green variety of brush commanding the highest prices. **1 lb. 30c. postpaid; 10 lbs. \$1.00, 50 lbs. \$4.00, 100 lbs. \$8.00.**

SPRING WHEAT.

Speltz or Emmer

Facts about Speltz: It thrives on poor lands, in stony ground, in forest regions, on the prairies; it makes a crop with almost any condition of soil, and climate; endures a great deal of frost; is not susceptible to rust or smuts; yields more than oats, wheat or barley; makes better feed than barley; makes excellent flour; makes good bread; the straw is used for fattening stock; the stubble makes good fertilizer; stock eat both grain and straw; ripens very early and will grow and thrive in any locality where oats will.

Cultivation. In methods of cultivation this is probably the least exacting of all cereals. It should be sown very early, and this can safely be done, as it is not easily harmed by, and easily resists early and severe frosts. It should be drilled in at the rate of two bushels to the acre. A well-known farmer says: "I am very glad to tell you anything I know about Speltz. Our best farmers have awakened to the realization that Speltz is just what we need, and I will tell you why I think well of it. First, it is a crop on which farmers can rely, as it greatly outyields any other grain. Second, it is unequalled feed for any kind of stock. Its nutritious shuck, inclosing two kernels of incomparable richness, makes feed that is hard to equal for any kind of stock, and especially for working teams. Third, the straw is second to none as a 'go-between' hay and corn. One acre of Speltz will produce three times the value of produce of wheat, barley or oats. As an example, from a field of wheat of twenty acres, grown during the past season by my son, he realized \$60.00, and from twenty acres of Speltz adjoining it he raised and sold \$240.00 worth. Speltz is a surer crop than oats, barley or wheat; no crumpling down so that the heads are cut off and fall on the ground, no rust or smut to shrink and make light the berry or lower the grade of the grain." **Pk. 60c., ½ bu. \$1.15, 1 bu. 40 lbs., \$2.25, 5 bu. \$11.00.**

Inoculating Cultures for Leguminous Crops

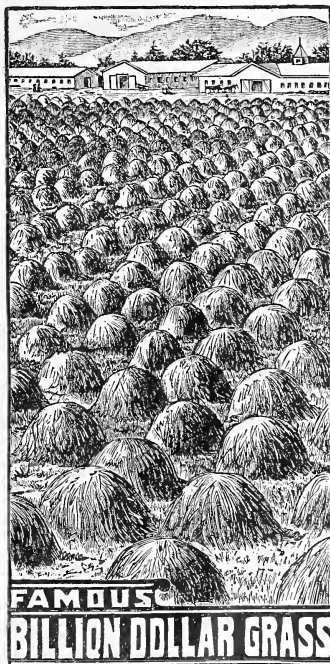
NITROGEN-GATHERING BACTERIA

Alfalfa, Crimson Clover, Sweet Clover, Red Clover, White Clover, Alsike Clover, Cow Peas, Soy Beans, Velvet Beans, Lima Beans, Garden Beans, Garden Peas, Canada Field Peas, Peanuts, Vetches, Sweet Peas, and all other pod-growing plants called legumes, enrich the soil through the action of small bacteria, growing upon their roots. These bacteria live only upon the roots of legumes, and by an action of their bodies extract the free nitrogen of the air, and deposit around themselves as nitrates, thus forming little sacks or nodules on the roots of the growing plants. These sacks furnish the growing plant with all the nitrates it requires; and still leaves large amounts unused in the soil ready for future crops or other crops growing at the same time with the legumes. Quoting from bulletin issued by the Dept. of Agriculture in January, 1908. "It is useless to attempt to grow any leguminous crop without having certain of the presence of bacteria which enables the plants to fix free nitrogen."

The method of transfer of soil for inoculation is both costly and dangerous—weed seed, soil and plant diseases are transferred in this way. All inoculations should be done by means of the pure cultures of nitrogen-gathering bacteria, which are free from contamination and contain only active bacteria of the proper kind. See Mulford's Nitrogen-Gathering Cultures described and priced on page 69.

BILLION DOLLAR GRASS

A Remarkable Grower and Quick Producer



It is truly the most marvelous grower, the most luxurious stooler that we have ever seen. Just imagine an old worn-out Billion Dollar Grass, with every spear of it over six feet tall, yielding from 25,000 to 50,000 pounds of as rich, as tender as the world has ever seen. Men talk about hard times, but positively hard times must vanish on every farm where Billion Dollar Grass is sown. There is reason for it: you can get two or three rich crops from the same annually, and then a big lot of fodder besides. If you sow early, you will get from 25,000 to 50,000 pounds of fodder, which you can put in your silo or cure for hay and the Billion Dollar Grass will quickly spring up again and give you another yield that will astonish the country. This broadcast at the rate of 15 pounds per acre, some of it can be cut again for hay; then the field will give you pasture all fall long, and horses, hogs, sheep and cattle will eat it readily.

It will produce a hay crop in from six to ten weeks, anywhere, and if sown the latter part of April will be ready to cut the middle of July for hay, attaining the height of (according to the richness of the soil) from 5 to 7½ feet. It is pre-eminent the grass to sow if you are going to be short on hay for your cattle and sheep.

FAMOUS BILLION DOLLAR GRASS
Prof. Williams, of the United States Department of Agriculture, says: "Already widely grown as a hay crop, it deserves more general use for soiling, as this grass is of particular value for feeding to dairy cattle, young stock and sheep." If you wish very fine, leafy hay, and have strong, rich ground, sow at the rate of 20 pounds per acre; but if your soil is but moderately rich, then sow at the rate of 15 pounds per acre. Sow in drills 12 to 18 inches apart, using from 10 to 15 pounds to the acre. Cultivate until the plant is 18 inches high, when its rapid growth will smother all weeds. It delights in low moist ground.

It makes better hay without the seed heads than with them. The hay is then healthier and of finer quality. We prefer to cut Billion Dollar Grass when but 5 feet high; and in curing, we treat as we treat a field of clover. **1 lb. 30c. postpaid, 1 lb. by freight or express 16c., 12 lbs. \$1.30, 25 lbs. \$2.50, 50 lbs. \$4.95, 100 lbs. \$9.70.**

HIGH QUALITY, EXTRA CLEAN GRASS SEEDS

Save Money by Growing Your Own Pasture, Hay, Straw and Grain.

Holland Rye Grass

THE UNCROWNED KING OF GRASSES FOR ALL SOILS, THE QUICKEST AND BEST GRASS FOR PASTURE, THE QUICKEST AND MOST PRODUCTIVE FOR HAY.

It is a grass for all countries, the grass for the great West, South and East, the grass for New Jersey, Pennsylvania, Maryland, Virginia and the poor lands of the entire South. Yes, for each and every State of the United States; in fact any and everywhere where you are apt to have long sieges of dry weather; but one must not think that it does not do well on soil where there is plenty of moisture, for on such soils its magnificent, luxuriant growth comes into full play.

This grass comes to us from Holland. It grows a tremendous crop, yielding all the way from five to seven tons of excellent hay per acre, as you can cut same two or three times a year. It grows from three to five feet tall. It surely will pay everybody to plant it bountifully. Nothing that we ever had did better or pleased the public at large better as a hay and pasture grass nourishing, equally as nourishing as Timothy or Orchard Grass. It is of very rapid growth, and ready to cut before other sorts are half grown, and far surpasses in weight of herbage. We recommend it for trial, and give it our unqualified endorsement. All stock eat it greedily.

The experimental farm at Cheltenham, Victoria, Australia, says: "We have grown Holland Rye Grass successfully, and we think it is the coming grass. It is given from the middle of March to about November."

It is the great grass for all climates. It will grow on all kinds of soil, even on yellow sand, and is equally good for pasturing, curing into hay or cutting green. All kinds of stock eat it readily, and it is very rich in nutritive value. "This is the best grass for all climates that has yet been tried at this station." When properly sown it catches well, giving immense crops the first year; in favorable seasons a fair yield of hay may also be obtained. Up to the present the best results have been obtained by sowing plenty of seed on well prepared ground as early as possible in the spring. From two to two and one-half bushels should be sown to the acre, depending somewhat upon the season and condition of the soil. The abundant forage is of excellent quality and, under ordinary circumstances, a large amount of early spring and full feed may be obtained, in addition to a good yield of hay. Thus far the grass has endured drought in the South perfectly and has never winter killed.

On our own fields, where we have now cultivated same for the fourth year, the Holland Rye Grass attains a height of 5 to 6 feet. It is extremely bushy and furnishes an endless amount of magnificent hay. When we were in Europe we were most remarkably impressed with the future of this grass. In Holland and Denmark where same is at home, they cut it three times for hay, and it is not an unusual thing to get nine tons of extremely nutritious hay per acre, in addition to this, good pasture late in fall. As a quick pasture for dairy cattle it has no equal. Now, what it can do in Europe we are sure it can do even in a greater measure here in America, for we have soil that are peculiarly adapted to it. We have grown it in a small way mixed with Giant White Clover, for both pasture and hay with highly gratifying results. There is not an agricultural college anywhere that has tested same but endorses it emphatically. You will do the same by giving it a trial, but by all means buy our imported grown seed. Culture is the same as in sowing Orchard, Perennial Rye or Kentucky Blue or Red Top.

You should sow early in the spring, and not sow less than 30 lbs. per acre 40 lbs. is best. Sow plenty of seed at first seeding and you will get a big, heavy, splendid start at once that will last for years. Don't buy hay, you can grow it much better and cheaper. Splendid, clean, heavy seed, postpaid, lb. 40c., 3 lbs. \$1.10; by express or freight, lb. 25c., 10 lbs. \$1.00; 100 lbs. \$14.00.

SOW MOORE SEED CO.'S BEST QUALITY GRASS SEED



HOLLAND RYE GRASS 5 TO 7 TONS PER ACRE

MILLETS

Earliest Russian Millet.

The earliest and most valuable of all the millets, it is considered

equal, and some say superior to the best quality of Timothy Hay. It has numerous succulent leaves which furnish an abundance of rich green fodder, which is highly relished by all kinds of stock, and is earlier and superior to anything ever seen in the millet line.

Its strong points are these: It is about three weeks earlier than German or Common Millet, wondrously prolific, has great stooing habits, is very leafy and bushy and full of rich green blades; one kernel has been known to produce fifty fine strong stalks, just the size that are in great demand and eagerly eaten by cattle, and it is not an uncommon thing to cut six tons of hay per acre.

EARLIEST RUSSIAN MILLET is positively the most remarkable, leafy, bushy, vigorous growing, earliest millet in the world, or, as a farmer who obtained a bushel last year, and from the same cropped 15 tons of hay, and had lots of seed besides, said: "It is surely worth its weight in gold to get a start with." Every farmer will be delighted, and pleased, and astonished, and profited, by sowing our Earliest Russian Millet. It will make a magnificent crop of hay if sown immediately after your Oats, or Barley, or Rye, or Wheat is cut, as it will ripen in from 60 to 90 days. Sow from 25 to 30 pounds per acre. Lb. by mail, 25c.; by freight, 10 lbs. \$1.25, 25 lbs. \$2.75, 50 lbs. \$4.50, 100 lbs. \$8.00.

HUNGARIAN (Panicum Hungaricis). It germinates readily and withstands drought. It has numerous succulent leaves, broad and over a foot in length; the plant, in strong soil, reaching a height of three feet. Cut early it makes excellent hay. Sow a bushel to the acre. Grade A, best quality, qt. 10c., pk. 70c., bu. of 48 lbs., \$2.35. Grade B, good quality, pk. 60c., bu. \$2.00.

GERMAN (Panicum Germanicum). This is an improvement on Hungarian Grass if cut just as the leaves are turning. Under some circumstances it will yield half as much more to the acre. Sow one bushel to the acre. Grade A, best quality, qt. 10c., pk. 90c., bu. of 50 lbs. \$3.00. Grade B, good quality, pk. 75c., bu. \$2.50.

EGYPTIAN, or EAST INDIAN PEARL MILLET (American Grown). Grows from 6 to 8 feet high. When cultivated for fodder sow in drills three feet apart and thin out in rows to one foot apart. Sow 3 to 5 lbs. per acre. By mail, postpaid, pkt. 10c., lb. 30c., 3 lbs. 75c. By freight or express, lb. 20c., 10 lbs. enough for one acre, \$1.45, bu. \$4.00.

Tennessee Golden.

This strain is for all purposes, superior to Hungarian, German or Common Millet. It grows

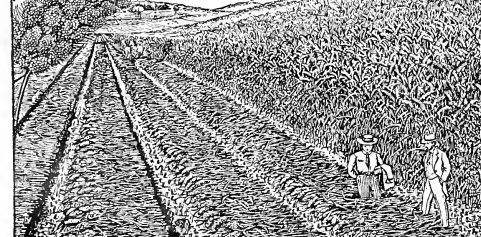
taller, the leaves more numerous, finer and tender, and that means more and better hay. In fact it is our judgment, based on an experience of many years, that a farmer had better, from the standpoint of profit alone, pay \$5.00 a bushel for true Tennessee Golden Millet than to sow the best German or Hungarian. Tassel as a gift. Tennessee Golden Millet is very sweet, palatable, and when fed to dairy cows produces a large amount of milk. All kinds of farm stock are exceedingly fond of it, eating it with much relish, when green, and it makes a magnificent cheap hay. On good rich soil it grows four to five feet high. It is very tender if cut at the right stage, which is when it is in full bloom. About 50 lbs. of seed are sown to each acre. A good yield is from four to six tons of hay to the acre. qt. 25c., 15 lbs. \$1.00, bu. of 50 lbs. \$3.25.

KAFFIR CORN

Prolific Giant. Stalks eight to ten feet high, and yielding heads six ounces to half a pound when fully ripe. It produces the most fodder and yields the most grain of all the giant kinds of non-saccharine sorghum now being grown here. It bears in dry weather and makes its crops where corn would fully fail. Plant in early April, in three-foot rows, leaving two to three rows, every twelve inches in the row, and cultivate as corn. Sow three to five pounds per acre. An excellent food for pigeons and poultry. By mail, postpaid, pkt. 10c., lb. 25c., 3 lbs. 70c. By freight or express, qt. 20c., pk. 75c., bu. \$2.50.

GOOD POUNDS GROWN ON 1 ACRE OF LAND IN WISCONSIN

MOORE'S EARLIEST RUSSIAN MILLET



Moore's Superior Re-cleaned Clover and Timothy Seeds

The Clovers are Great Soil Improvers. Like all leguminous plants, the clovers draw largely for their sustenance from the atmosphere, gathering nitrogen and other constituents required by cultivated crops; their roots penetrate deeply, drawing from the subsoil, thus acting as a soil-improver, and not only increasing the productiveness of the land, but putting it in better condition than before. Clover, intelligently used, is the farmer's best friend, not only furnishing most nutritious feed, but restoring fertility to worn-out lands. It is strongly to be recommended, however, that clover be used in a rotation of crops and not grown successively on the same fields. We call the attention of all interested in clover, especially where they may be to two facts of great importance: First, **THE NECESSITY OF PURCHASING THE VITAL IMPORTANCE OF USING NORTHERN GROWN CLOVER SEED**; and secondly **THE NECESSITY OF INOCULATING ALL CLOVER SEED WITH NITROGEN GATHERING BACTERIA**. It means that its producing and its sale value is increased several fold.

The Superior Quality of our Eureka Brand Clover and Grass Seeds. Our Eureka Brand Clover and Grass Seeds are not only high grade seeds, free from noxious weeds and a special charge of the seed, but putting it in better condition than before. Clover, intelligently used, is the farmer's best friend, not only furnishing most nutritious feed, but restoring fertility to worn-out lands. It is strongly to be recommended, however, that clover be used in a rotation of crops and not grown successively on the same fields. We call the attention of all interested in clover, especially where they may be to two facts of great importance: First, **THE NECESSITY OF PURCHASING THE VITAL IMPORTANCE OF USING NORTHERN GROWN CLOVER SEED**; and secondly **THE NECESSITY OF INOCULATING ALL CLOVER SEED WITH NITROGEN GATHERING BACTERIA**. It means that its producing and its sale value is increased several fold.

ALSIKE CLOVER (Swedish Hybrid) Alsike Clover (Swedish Hybrid) is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as for a crop by itself. It does not winter kill. The use of Swedish Alsike Clover is increasing rapidly, cattle prefer it to other clovers. The particular advantages claimed for Alsike Clover are that it lasts longer, is harder, standing adverse conditions both of summer and winter weather better than the ordinary clovers, and is also better adapted for grazing purposes. It is somewhat similar in growth and appearance to Red Clover, but has a lighter colored bloom. A good many of our farmers have in recent years been sowing Swedish Alsike Clover in mixture, both with the Red and the Mammoth and other grasses, claiming that it tends to insure good stands and better crops of clover than sowing the Red or the Mammoth alone, the quality of hay thus produced is excellent. It is very fine for honey bees. Sown at the rate of 8 to 10 lbs. per acre; sown in mixtures, 5 or 6 lbs. per acre is sufficient.

EUREKA BRAND. Carefully selected and tested highest grade. 10 lbs. \$2.00, bu. \$15.50.

RECLEANED WESTERN. Choice quality. 10 lbs. \$2.35, bu. \$14.00.

Turkestan Alfalfa (Turkestan Grown Seed). Hardy, withstands droughts, heat and cold. The climate of Turkestan is not unlike that in our interior states, being far removed from the ocean and surrounded by wide expanses of dry land. By freight, lb. 30c., pk. \$3.40, 50 lbs. \$6.75, bu. \$13.00.

Mammoth Red Sapling or Peavine Clover. (NORTHERN GROWN.)

Being a rank grower makes it most valuable for fertilizing purposes. Foliage, flower and stem much darker and the growth is much ranker than common Red Clover, ripens later than the latter, about the time Timothy, Meadow Fescue, English Blue Grass or Red Top and other grasses ripen, making thereby a much better quality of hay, when mixed with them. It is considered a better soil improver than the ordinary Red Clover. Long powerful tap roots, which in decaying add largely to that black mass of matter we call soil. Makes excellent hay, and can be cut twice a year. Sown 12 to 15 lbs. to the acre by itself.

EUREKA BRAND. Carefully selected and tested highest grade. Lb. 35c., postpaid, 10 lbs. \$2.50, bu. \$14.50.

CRIMSON CLOVER. Pk. \$2.75, bu. \$10.00.

Italian White Clover. This makes a larger growth and a better and larger hay or grass crop than Crimison Clover, and is also a better soil improver. Should be sown in this latitude during July or August, at the rate of from 20 to 30 pounds per acre. The growth is unusual strong and dense; the height ranging from 2½ to 3 feet. It makes an excellent combination when sown with winter rye for a hay, grazing or soil improving crop. In every case we recommend it to the ordinary Crimison Clover, no matter for what purpose it is used. It saves fertilizer bills, saves feed bills, and is a most excellent winter cover crop, very especially for high and sandy, gravelly lands. It improves poor lands and makes good lands better. Price, pk. \$2.75, bu. (60 lbs.) \$10.50.

Medium Red Clover (Trifolium pratense.) It is sometimes called June Clover and is a dependable all-around variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay, the last crop may be harvested for seed, cut for hay or sown in to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 15 pounds to the acre, according to quality of seed and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of there being less hay or seed produced from it, but from the fact that one's land becomes infested with weed seeds, which decrease the value of the land on which the clover is growing. Price of our Northern Grown Medium Red Clover, EUREKA BRAND. Carefully selected and tested highest grade. Lb. 35c., postpaid; 10 lbs. \$2.20, bu. \$13.50. **CHOICE SEED.** Bu. about \$12.00.

White Dutch Clover (Trifolium repens.) The best variety for lawns, as it forms a close herbage and remains green throughout the season. Sown six pounds per acre, half the quantity when sown with other grasses. **EUREKA BRAND.** Carefully selected and tested. Pk. 5c., ½ lb. 20c., lb. 45c., by mail, postpaid; by freight or express, ½ lb. 20c., lb. 40c., 100 lbs. \$50.00. **CHOICE SEED.** ½ lb. 20c., lb. 50c., 100 lbs. \$45.00.

Re-cleaned Timothy. This makes one of the most popular, nutritious and salable of hay grasses. It is best adapted for sowing on clay or heavy loam, lowlands or in mountainous districts, as it will grow on any good soil on which Timothy is abundant. The best clover to sow with Timothy is either the Sapling, Alsike or Swedish Hybrid, as they mature and ripen with Timothy. The practice of sowing the common Red Clover with Timothy is not advisable, as they do not ripen together. Timothy or Herd's Grass and Meadow Fescue mature at the same time as Timothy, and are excellent grasses to sow with it, both for hay and pasturage. They will increase the yield of hay to a certain extent, but will very largely increase the yield and value of the pasturage. Timothy by itself requires to be sown at the rate of about a peck to the acre, or with clover 10 lbs. of Timothy and 8 lbs. of clover will give a good seeding.

EUREKA BRAND. Carefully selected and tested highest grade seed. Ct. 25c., bu. \$6.00. **RECLEANED WESTERN.** choice quality, ct. 25c., bu. \$4.75.

African Yellow Milo Maize. This makes a thick, succulent growth of forage, very nutritious and of splendid milk-producing qualities. This, like sorghum, can be cut over two or three times, where it is desired to cut for green forage. Also makes excellent ensilage, especially when grown with Black Giant Cow Peas or Wilson's Imperial Black Goliath Beans, or can be cured same as other sorghums. 1 lb. 15c.; 10 lbs. \$1.25; 50 lbs. (enough for one acre.) \$6.00.

Inoculate all Your Alfalfa, Clovers, Peas, Beans, Vetches and other legume crops with



MULFORD CULTURES FOR LEGUMES

SMALL COST EASY TO USE LARGE RETURNS NO LABOR EXPENSE

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes of all kinds.

Mulford Cultures are "different" and should not be confused with other brands. The color is different (they are dark, almost black, due to a special ingredient added to increase the growth and activity of the bacteria).

The count is different (bacterial counts show fully twice as many bacteria as in the old-form cultures).

The bottle is different (being sealed—an important feature which prevents all possibility of contamination from the outside air).

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

ALFALFA (Lucerne)	RED CLOVER	COW PEAS	VETCH	*GARDEN PEAS	LESPEDEZA
CRIMSON CLOVER	BUCK CLOVER	SOY BEANS	VELVET BEANS	*GARDEN BEANS	BROAD WHEAT
SWEET CLOVER	BERG CLOVER	PEANUTS	*SWEET PEAS	*LIMA BEANS	AND OTHERS

Be sure to specify the particular legume on which you desire to use the Mulford Cultures, otherwise we will not know how to fill your order.

PRICES:

5-Acre Size, \$5.00 ("A Dollar per Acre")	} These prices include delivery on freight shipments.
1-Acre Size, 1.50	
¼-Acre Size, .50	
Small Size, .25 (Only for varieties marked thus*)	

FREE DESCRIPTIVE LITERATURE SENT UPON REQUEST

Uninoculated ALFALFA Inoculated

Photographed on same scale. Plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical.

THE CONTRAST SPEAKS FOR ITSELF

Harding's Hardy Upland Alfalfa

DRY LAND ALFALFA.

The extension of Alfalfa growing into the regions of limited rainfall has created a demand for Alfalfa seed especially adapted to those conditions. Seed which has been produced from Alfalfa grown on dry land and without irrigation is of course much preferable for dry land culture to seed produced under irrigation or normal rainfall, and it is now possible to grow Alfalfa on any kind of ground, high or low, rolling or flat, sandy or clayey. Heretofore Alfalfa only grew to advantage on soil well supplied with moisture, and it was a rare thing to have good crops of it on high ground. By years of selection and long continuous cropping on high ground in Northern latitudes, Mr. Harding, of Northern Kansas has produced a strain of Alfalfa that produces enormous crops on high, rolling land, such as is found everywhere in the states of Pennsylvania, New York, New Jersey and Minnesota, as well as on the rich bottom lands of the West and South. Yes, every state can now grow from two to four crops a year, if Harding's strain be used. It is tough, acclimated and hardy, and in our numerous trials we have found it beyond all doubt superior to any seed grown on irrigated ground. Harding's Hardy Upland Alfalfa, to our knowledge, can only be had from us, and we know it to be worth from \$5.00 to \$5.00 per bushel more than the ordinary kind. It has obtained more local reputation on account of its productiveness and extra hardness, for it survived winters that killed many fields of other varieties of Alfalfa. The seed is of very high grade, is exceptionally large and of high germination. Montana-grown Alfalfa is exceptionally hardy and we prefer it to seed from any other place. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. We have been able to secure several cars of exceedingly bright seed, from which orders will be filled until the stock is exhausted. Just give it a trial and see for yourself. It is not a new and untried thing; more than ten years of cultivation have demonstrated its worth for all kinds of lands, hay, pasture or as a soil enricher. The most valuable forage plant. In the dryest and most sultry weather, when every blade of grass withers, Harding's Upland Alfalfa is as fresh and green as in the spring, as its roots go down from ten to ninety feet to the moisture of the ground.

Never sow less than fifty pounds of good, clean seed to the acre, for thin sowing produces thick and coarse stalks, not relished by stock. The Alfalfa flourishes up to an altitude of about 8,000 feet above sea level, at higher altitudes is not likely to thrive. The proper time to cut it is when the plant is in full bloom. It is worthy of trial in any locality where it has not already been tested. When you buy get the best. Price of Harding's Hardy Upland Alfalfa, Grimm's Everlasting Strain. By express or freight, 1b. 30c., 10 lbs. \$2.75, 25 lbs. \$6.50, 50 lbs. \$12.75, 100 lbs. \$25.00.

Everlasting Grimm Alfalfa

World Renowned for Its Hardiness—PEDIGREED

Grimm Alfalfa has been tried in most all Northern States of the Union, in Alaska, in Canada and also in the northern states of Europe and wherever it was planted it proved the hardest variety known. No other Alfalfa has such a record of hardiness and drought-resisting quality and productiveness as Grimm. It is with considerable pride and delight we are able to offer Hardy Grimm of such a pedigreed type both as to inherent quality and unadulterated pureness.

THE MONTANA EXPERIMENT STATION AT BOZEMAN reports: "Our experiments with Grimm Alfalfa and other strains show that Grimm is decidedly the best. Two years ago a large per cent. of the plants in our variety plots were winter killed, but the Grimm showed no injury."

THE SOUTH DAKOTA EXPERIMENT STATION says: "South Dakota No. 162, which is Grimm acclimated to South Dakota conditions, ranks with the best for South Dakota." This shows that Grimm Alfalfa is not only very hardy, but also as drought-resisting as any other variety known.

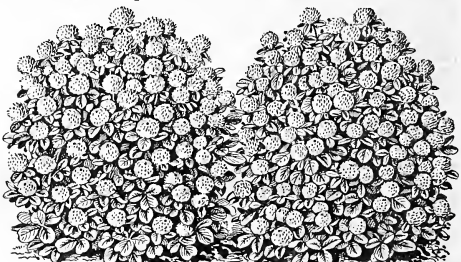
Price of Pedigreed Grimm Alfalfa: Pkg. 10c., 1/2 lb. 50c., 1b. 90c., postpaid. By express or freight: 1b. 85c., 5 lbs. \$3.75, 10 lbs. \$7.00, 50 lbs. \$27.50, 100 lbs. \$52.50, 1,000 lbs. \$300.00.

GIANT SWEET CLOVER

A Great Dairy Food, a Great Cattle Food, a Great Hog Food and a Wonderful Soil Enricher. A Natural Nitrogen Gatherer, a Natural Bacteria Introducer. A Wonderfully Profitable Plant for the Farmer and General Stock Grower. Produces Immense Crops the First Year

GIANT SWEET CLOVER (M. Lencantha).

Many of our farmers are using this as a pasture clover; it is regarded as being equal to alfalfa and much superior to common red clover for this purpose. *Hoard's Dairyman* says: "After 11 years' experience with it, Giant Sweet Clover is the best of all the grasses as a feed for cows, cattle and hogs." An analysis of the hay made by an expert authority, resulted as follows: water, 6.86%; protein, 22.55%; fibre, 23.49%; carbohydrates, 32.61%; fat, 3.91%; ash, 10.05%; making the feeding value, as a forage crop high. Cows when fed all the sweet clover they will eat, together with corn, brought them to the highest pitch of milk and butter-fat obtained. Careful experiments show Giant Sweet Clover to give much better results than the best timothy and alfalfa, when fed to either cows or sheep. This largely due to it being more digestible to rumen the matter on which, when ever tried, Giant Sweet Clover is proving itself to be unexcelled for all kinds of stock, both as a hay and a pasture. It produces milk and butter of the very finest flavor, and in every sense a gift of heaven. Excellent flavor, superior to that of alfalfa, alsike, red or other clovers. For a pasture, timothy, Holland rye and English blue grass, mixed with Giant White Clover have given excellent results, and this mixture is recommended for both milk-cows and fattening steers. When fed as hay it seems best to feed it alone. It should be cut just before coming into bloom. Sow anytime from March to September, at the rate of 20 to 25 pounds per acre. It will thrive on any kind of soil and has great value as a soil renovator when plowed under. It is also of great value to fill up gulleys in land. The gulleys can be filled up and left uncultivated the clover will stay, reseeded itself every year. It will invariably keep soil from washing. Our work for it, every farmer, every stock grower, every dairyman and every agriculturist has abundant use for this peerless Giant Sweet Clover. It is worth billions of dollars to the farmers of this country. It is especially valuable for thin or sandy lands, while on rich, heavy soil its growth is truly marvellous, a growth five or six feet high is not uncommon. Pkt. 15c., 1b. 55c., 3 lbs. \$1.50, postpaid; by freight or express, not prepaid, 1b. 40c., 10 lbs. \$3.00, 25 lbs. \$7.00, 50 lbs. \$12.00, 100 lbs. \$25.00.



GIANT SWEET CLOVER

A WONDERFUL HAY AND FODDER PLANT FOR POOR SANDY SOILS.

The Wonderful Pencilaria

This remark was heard everywhere, at the state fairs, agricultural shows, farmers' institutes, and, in fact, wherever wide-awake, intelligent farmers congregated, and there has never been a plant which awakened such widespread interest. Fully 228,000 farmers experimented with it last year and will this year plant it as a regular crop. It stood the test of the most cruel and unrelenting drought, it produces immense yields in spite of too wet or dry weather. Reports came from sections where the corn crop was destroyed by hot winds, but Pencilaria laughed at the drought and gave three to seven cuttings of fodder during the season. In other places the soil was too poor to grow corn, but Pencilaria went right ahead and made a magnificent growth. Especially adapted for warm climates.

STOOLING HABIT.—Everyone is greatly astonished with the stooling nature of Pencilaria. While it begins stooling at once, still it is after being once cut off that this is especially prominent, many farmers report fifty, sixty, sixty-five, and even as high as seventy-five stalks grown from one seed, each of these stalks growing seven to fourteen feet high and covered with large succulent leaves.

95 TONS PER ACRE.—If there is any other plant in existence which will afford such a yield we do not know what it is.

QUALITY.—In quality we claim that Pencilaria is much superior to corn fodder. This is shown by the cattle leaving corn to go to the Pencilaria. It is not coarse like corn fodder, but takes the place of hay, with better results and less expense.

HOW TO GROW.—Sow in drills twenty-four to thirty-six inches apart, dropping three or four to each foot of row, and in this way three pounds will sow one acre. The seed should be covered one-half inch; do not plant until corn planting time, in this locality about May 1st. Cultivate between the rows. The best time to cut the first crop is when two to three feet high, and later cuttings when three to six feet high. In this way, it makes four to seven crops per year.

WHO NEEDS IT.—This season stockmen will especially need a quick growing forage plant and they should try Pencilaria. The farmer who wants an immense crop of hay should try Pencilaria. The dairyman who has hundreds of cows and the person who keeps only one should try it, as it is claimed that one-fourth acre will supply sufficient fodder to keep a cow in good condition throughout the winter. Summer and fall, and sufficient hay can be made from one-fourth acre to supply a cow throughout the winter. Stock is limited so be sure to order early if you want it, and of course you do. Price for large pkg, 10c. 1/4 lb. 25c., 1/2 lb. 30c., 3/4 lb. 40c., 1 lb. 50c., 5 lbs. or more \$4.00, per lb. 1/4 lb. by mail add 10c. per lb.

COW PEAS

Cow Peas make one of the largest-yielding and most nutritious forage crops grown. There is also no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It is not necessary to turn under the crop of vines to improve the soil, and it is really considered more economical and the best way of improving the soil. The crop of vines and cure them as a forage or cure, and then turn under the stubble and roots. Even when the crop is cut off, the land is left in very much better mechanical condition, and the productiveness very much increased over what it was before the crop was grown. The Cow Pea, to a greater extent than any other leguminous crop, has the power to extract nitrogen or ammonia from the atmosphere and to store same in the vines and roots, so that, even if the crop is cut off, the land is enriched and its condition improved. From 10,000 to 15,000 pounds of green fodder per acre have been produced by the Cow Pea.

LANE'S CALICO COW PEAS. These are really the best and most satisfactory kind to grow; they are upright growers and produce a larger and much better crop, and are better either for forage or soil improving purposes. They are the best to sow either in the open field or at the last working of corn. They are early to mature, bushy in growth and do not make long vines to interfere with the harvesting of the corn crop, and are easier to cut and cure. Lane's Calico Cow Peas will yield from four to six tons of cured vines per acre, which is greatly relished by all kinds of stock, either green or cured. They are equally well adapted for any section of the country, whether for northern or western or southern planting, being enormously productive in both vines and peas. Their culture is a sure and cheap way of improving the soil as they have the power to extract nitrogen from the atmosphere and to store it in the soil and, if their cultivation be persisted in, they will restore the poorest soil to the highest state of fertility without the aid of costly fertilizers. Sow 15 to 20 bushels per acre. Pkt. 10c., lb. 35c., 3 lbs. \$1.00, by mail, postpaid; by express or freight, qt. \$1.25, pk. \$1.25, bu. \$4.50.

NEW WONDERFUL. They are erect growing, with from one to six stems or more branching out from near the ground and reaching a height of from one and a half to three and a half feet; seldom falling down, cut off from one and a half to three and a half feet; seldom falling down, cut off from the surface of the ground to the top; a single plant having sometimes as many as 200 pods containing from one to four seeds each. They are very strong. The New Wonderful is a remarkable drought resister, and will do comparatively well on thin soil. However, they respond very readily to plenty of moisture and good soil. Planting should not be done until the weather is warm after corn planting. New Wonderful as feed takes the place of oil or given meal. Feeding them to milch cows, fattening cows or hogs they have given astonishing results. The earliest and best of the upright growing varieties. The yield of forage is rarely less than five tons per acre and often ten; is easily cured and makes a superb fodder, which is greatly relished by all kinds of stock. If sown broadcast use one-half to one bushel per acre. Pkg. 10c., lb. 35c., 3 lbs. \$1.00, by mail, postpaid; by express or freight, qt. \$1.25, pk. \$1.25, bu. \$4.50.

NEW EARLY BLACK GIANT. A very rank grower of spreading habit and will make a good crop on ground so poor that corn would be a failure. Pronounced by many as being the best of all as a soil improver. Pkt. 10c., lb. 35c., 3 lbs. \$1.00, by mail, postpaid; by express, qt. 20c., pk. \$1.00, bu. \$4.00.

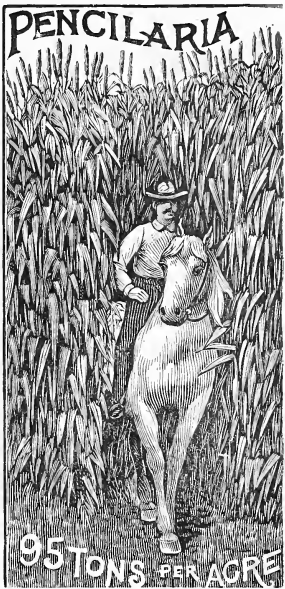
NEW ERA. An early maturing variety, which has proven very popular and satisfactory. It is upright growing, quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. The seed are smaller in size than the ordinary Cow Pea, so that it does not require as many to seed an acre; from three-fourths to one bushel per acre will give a good crop. Pkt. 10c., lb. 35c., 3 lbs. \$1.00, by mail, postpaid; by express, qt. 20c., pk. \$1.00, bu. \$4.00.

WHIP-POOR-WILL. Vines erect, seed large and mottled red and white and matures early. Good to grow between corn. Write for prices. Pkt. 10c., lb. \$1.00.

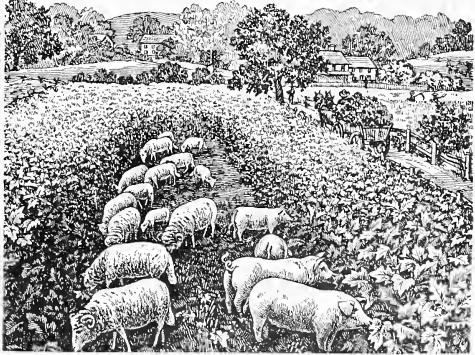
CANAL PEAS. Here is a crop which if planted early will return to the land the much needed nitrogen. Peas are valuable for forage as well as their soil enriching properties and can be grown under any conditions of soil or climate. Pkt. \$1.25, bu. \$4.50.

PRIMOS EARLY AMBER SUGAR CANE

Many dairy farmers say that the Primos Early Amber Sugar Cane is the most valuable fodder plant in existence, and, notwithstanding the great adaptability as a food for live stock, it is only quite recently that the real value of sorghum (or sugar cane) has attracted general attention. It is not little affected by drought. It is of the very best quality, being sweet, tender and richly and greedily eaten by cattle, sheep and hogs. It is claimed that the cows will give more and richer milk from its use, and it is claimed that as high as ten tons of green fodder have been grown per acre in ten to twelve times during the season. It is a very early maturing, high, and makes good sweet hay. Sow 100 lbs. per acre for best results. Price subject to market change. By mail, postpaid, lb. 25c., 3 lbs. 60c.; by express or freight, qt. 25c., pk. 90c., bu. of 56 lbs. \$3.00, 5 bu. or over \$3.75 per bu.



TRUE ESSEX RAPE.



Sutton's True Dwarf Essex Rape

Valuable for Cattle, Sheep, Hogs and Poultry

This is a highly valuable forage and should be fed by all who grow any kind of live stock for food purposes. Under favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on a very small acre will carry twelve to fifteen sheep, or hogs six weeks to two months. When on the rape they should at times have access to salt, but water is not necessary. In the Northern States it should be sown from April to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of Philadelphia it should be sown in April, or in July or August. Its fattening properties are probably twice as good as those of clover, and for sheep the feeding value of rape exceeds all other plants we know of. It is highly valuable as a green pasture for chickens, ducks, geese or hogs. It can also be cut and fed to all kinds of stock and poultry while penned up, thus keeping them in a healthy physical condition. At the Michigan Experiment Station, 128 lambs were pastured for eight weeks on 15 acres of rape, sown in July, and showed a gain of 280 lbs., or at the rate of 3 lbs. per lamb each week. The growth is enormous and makes excellent green food for all kinds of poultry. To secure the best results the rape should be sown in drills. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. 1 lb. by mail 35c., postpaid, pkt. 5c., lb. 15c., 10 lbs. \$1.20, 25 lbs. \$2.35, 50 lbs. \$4.50.

Sudan

NORTHERN GROWN Grasses

**A New Forage Crop
of Immense Value
to the Farmers of
the United States**

SUDAN GRASS AND ITS VALUE

Hoard's Dairyman says that possibly no other crop ever introduced into the United States became so generally popular in so short a time as Sudan grass. It has been in this country only a little more than 5 years, and if it has ever made an enemy he is keeping his feelings to himself. Its friends are many, not only in Texas, where the great bulk of the crop is to be found, but in practically every other state in the Union, and when fed to various kinds of live stock it is relished by all. The enthusiasm of those who have seen it spreads like wildfire, and if there be a farmer who has not a bumper for Sudan Grass it is simply because he has not seen the crop grown or has not been able to secure the seed.

IT GIVES a highly profitable yield of palatable, nutritious hay. It is adapted to practically every soil type and climate condition to be found in the United States south of the northern tier of states. It is especially appreciated in the Middle and Southern States because it is an annual grass crop which may be rotated with corn, cotton or other crops in a manner such as clover.

IT IS appreciated because of its wonderful drought resistance and consequently heavy yielding qualities under semi-arid conditions. It is appreciated in many parts where types of soil and other conditions are not suitable for timothy and clover crops. It is also destined to be grown in timothy growing sections, for the reason that it is a more prolific yielder and furnishes more hay at a different season. In the Western States it is a valuable winter feeding staple.

THE YIELD of seed varies from 200 to 1250 pounds to the acre. It is regarded as the most valuable hay grass ever grown in this country. It is extremely bushy and attains a height of from 5 to 8 feet and furnishes an endless amount of magnificent and highly nutritious hay, and a yield of from 5 to 9 tons per acre is not unusual. We recommend it for trial and give it our unqualified endorsement.

ANOTHER POINT which speaks well for Sudan grass, is that the hay is relished by live stock even when grown for seed and the seed thrashed off. Work horses, mules, milk cows and dry cattle eat it readily. Sudan grass is very tender and palatable, and has a sweetish taste and pleasant odor which cause it to be relished by all kinds of farm stock, and very especially dairy cows.

DAIRYMEN ARE PROUD that it means more for the dairy business in the United States than has been done in behalf of the industry for many years, and we certainly commend this crop to every milk producer in the United States, south of the northern tier of states.

SUDAN GRASS AND LEGUME MIXTURES

The suitability of Sudan grass for growing in mixtures with cowpeas, soy beans, and other legumes is at once apparent, for several reasons. Sudan grass grows strictly erect, with a stem stiff enough to support the vines characteristic of most legumes, and thus makes the harvesting easier by keeping the legumes off the ground. It also allows them to cure more quickly by preventing the leaves from matting. It is low in protein, which is prominent in legumes, and thus a well-balanced mixture is produced. The yields, although they are not often as great as that of Sudan grass alone, are so large that little forage weight is lost by the intermixture of legumes, and the feeding value of the hay is considerably enhanced.

The yields obtained from such a mixture varied from 3½ to 4½ tons per acre of cured hay. At the Arlington Farm, Virginia, the mixture of Sudan grass and cowpeas gave a yield of 4.6 tons of cured nutritious hay per acre.

SEEDING Sudan Grass should not be planted until the soil has become warm in the spring. It can be sown any time during the summer as a catch crop as long as 40 to 80 days intervene before frost. It can be sown in rows 18 or 42 inches apart and cultivated like corn, or it can be sown with a grain drill or sown broadcast by hand. If sown broadcast use from 10 to 15 pounds of seed per acre; this gives an excellent stand because of its wonderful rooting habit, one seed producing from 30 to 50 seedlings. Seed 1 Pk. 95c, 1 Bu. 50c, postpaid; by express or freight, 1 lb. 50c, 5 lbs. \$2.25, 10 lbs. \$4.40, 50 lbs. \$21.00, 100 lbs. \$40.00.

HARVESTING It can be cut by a mower and cures readily to the satisfaction of any other hay crop. Cut just after full bloom. After cutting, it renews itself promptly. In about 40 days another cutting is ready. In 1912 four cuttings were secured in Texas. Ordinarily two or three cuttings may be had in the central United States. **Seed of Pure Northern Grown Sudan Grass** 1 Pk. 95c, 1 Bu. 50c, postpaid; by express or freight, 1 lb. 50c, 5 lbs. \$2.25, 10 lbs. \$4.40, 50 lbs. \$21.00, 100 lbs. \$40.00.



THIS FIELD OF 300 ACRES OF SUDAN GRASS AVERAGED 54 POUNDS OF SEED TO THE ACRE, AND 5 TONS OF HAY.

View on Farm of a Member of the Texas Experiment Association.

Swedish Giant White Hulless Barley

Sweden is the ideal home for barley. The very best barley seed on earth is produced there, and we are going to say right here that it is the most prolific, fat, and health-producing food for hogs, cattle and poultry extant today, and the farmer trying our Swedish Giant White Hulless Barley will promptly say we do not put it half strong enough. There is positively nothing in the world that will give to your cattle better health, keep them more gentle and kind, and add to their weight quicker than the feeding of Swedish Giant White Hulless Barley. Indeed, feeding them twice daily on Swedish Giant White Hulless Barley and once on corn will add more fat and better fat, and add it quicker and for less money than feeding on corn alone. Now, we know this to be true, because we have demonstrated it repeatedly.

The yield of Swedish Giant White Hulless Barley runs from 40 to 80 bushels per acre, as fine, plump, healthy feeding barley as you ever saw. It is very early, will mature in 60 to 80 days, according to soil and locality, the grain weighs 60 to 68 pounds to the measured bushel. It is often grown for hay coming early and providing rich feed; should be cut before it becomes ripe, while the straw is still green. It is easy to grow; there is no other work after you have prepared your soil and sown the barley until you are ready to cut it, and it can be grown, when it averages 40 to 80 bushels per acre, at a cost of but a few dollars per acre, while one bushel of Swedish Giant White Hulless Barley, for fattening purposes, is worth from 1½ to 2 bushels of the best corn. Now, we like this barley, as it is a rousing cropper and feeder. We urge everybody to plant it, in order to have a change of excellent food for their hogs and cattle. Plant it, because it will pay you handsomely and help to keep your poultry and stock in an excellent, healthy, vigorous condition. It can be grown with a profit at less than 35 cents a bushel, for it is an enormous yielder, a sure yielder, and easy to harvest. If you do not wish to thresh same, it can be thrown to the hogs and poultry in bundles, and they will eat it eagerly, every kernel of same, leaving rich corn, to go to feed on the Swedish Giant Hulless. We use and recommend sowing 2 bushels of seed per acre. 1b. 35c., 3 lbs. \$1.00 postpaid, pk. 95c., ½ bu. \$1.60, bu. 48 lbs. \$3.00.

Flat-Stalked Meadow Grass

Resembles somewhat the Kentucky Blue Grass, but is shorter and more slender. It is grown very extensively in Canada and the central and northern parts of the United States. It will thrive even on sand, gravel or hard clay soils, where there is not quite enough lime and fertility for Kentucky Blue Grass. It holds its color and freshness until snow comes. Red Top and Orchard Grass are best for mixing with it to grow on poor soils. The whole plant has a dark, bluish glaucous green color. On good land it makes excellent hay and as it shrinks very little in drying, the hay is heavy for its bulk. No grass makes richer pasture or more nutritious hay. It may be allowed to get ripe before cutting, as its stalks remain green and nutritious. The cut hay is very heavy. It is certain that cows fed upon it both in pasture and on hay give more milk and keep in better condition than when fed on any other grass. Horses fed on this hay will do as well as when fed on timothy hay and oats combined. Sheep fatten astonishingly when fed upon it. It keeps green even until the heavy frosts of winter. We adhere to the opinion which we have formed after much observation and experience that it is one of the most valuable and nutritious of all grasses both for hay and permanent pasture. Grows from one to two feet high. Sow 30 lbs. of seed to the acre. Price, bu. of 15 lbs. \$2.00.

It costs less than 60 cents
an acre to use our carefully
selected SEED CORN.

SEED CORN

Do you deem it wise to risk
doubtful corn when GOOD
SEED is so cheap?

Grown, Selected, Cured, Graded and Tested by The Moore Seed Company

WE GROW CORN FOR ALL PURPOSES

The yield of corn on any land can be doubled by the judicious change of Thoroughbred Seed. You must get more bushels per acre than the average or you cannot make a profit. Thirty bushels per acre will not pay. Sixty bushels pays a profit and a hundred bushels will make you money. You can grow more than a hundred bushels if you have the right kind of corn and the farmer is harvesting more than a hundred bushels of corn per acre and these big yields come from just two causes—proper management and thoroughbred seed. The aim of every corn grower ought to be at least a hundred bushels per acre and no farmer should be satisfied with less. It is not such a difficult problem as it seems. An acre will contain something more than 10,000 stalks of corn planted three in a hill, the ordinary way. Every stalk produces a good ear there will be more than a hundred bushels per acre, and here is where the thoroughbred seed shows its advantage. You need not fear barren stalks if you buy your seed corn of us, and if you have the right kind of soil, and give proper cultivation, every ear will be a good one. Nubbins are more often evidence of poor seed than poor management, but the best seed on earth won't produce a crop unless properly grown. Start right, buy your seed corn of us; do your part by furnishing good soil and cultivation, and you can harvest the ideal crop—a hundred bushels or more per acre.

PROSPERITY

The Deepest Grained and Purest Yellow Early Dent Corn in Existence. The Kind That Will Make You Prosperous.

The Greatest Feeding Corn for Cattle Ever Produced. 146 bushels per acre is the record of this corn. It is early, ripening in 90 days, and can be planted in the northern corn belt and compete successfully both in yield and maturity against corn from locally grown seed. Ears are not extra large, but of good size and symmetrical; color a bright golden yellow, as handsome as a twenty-dollar gold coin just from the mint; grain is very deep, cob small, dries out quickly.

It Has the Color. If you want to get top market prices for yellow corn, just shell a carload of Prosperity with a machine that will clean out broken cobs and trash, and you will have No. 1 yellow, something that very seldom appears in the big markets. It has color, it has depth of grain and it will have soundness necessary to pass the closest inspection. Prosperity will ripen and produce good corn in any soil, something that cannot be said of many of the large-eared varieties. Plant it, tend it and study it, and we have confidence to believe that you will agree with us that Early Prosperity Corn is the very best of its type for the farmers of the Middle, Southern, Western and Eastern States.

It Has Depth of Grain. Seventy pounds of ear corn makes sixty-two to sixty-five pounds of shelled corn, and in hauling to market it weighs out five bushels more to the wagonload than common varieties in the same size wagon. We have shelled selected ears of this variety which produced sixty-four pounds of shelled corn and only six pounds of cob to the bushel. This is an unparalleled record. It cannot be equaled by any other corn in the world.

It Makes the Most Feed. You can readily see that it is the man who feeds the corn on the farm who will get the most value from Prosperity; there is so little waste and the quality is the best. It is a soft grain but rich and full of oil, and easily digested. There is absolutely as much feeding value in fifty bushels of Prosperity as in sixty bushels of any other variety. 4 pkts. 10c., 3 pkts. 25c., by mail, postpaid; qt. 25c., 4 qts. 75c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

NOTE: The cost of our pure seed is only about 60 cents per acre. One bushel per acre added to your crop will pay for the seed used. But practically all of our varieties are capable of increasing your yield from 20 to 50 bushels per acre. A word to the wise is sufficient.

Iowa Silver King Prize Winner Everywhere

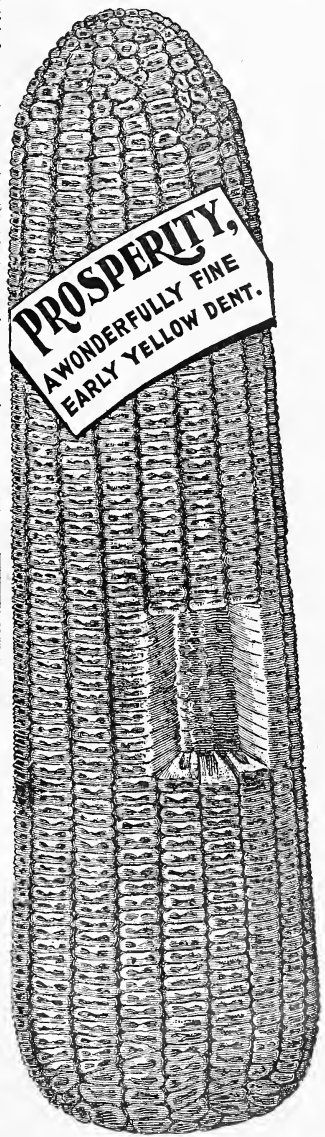
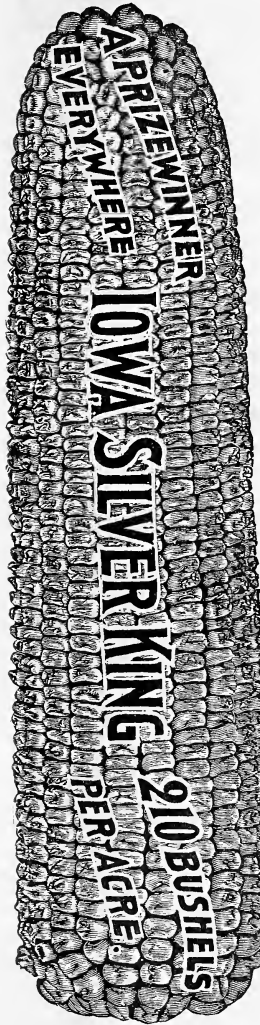
Stalk grows to a height of about seven or eight feet, and sets the ears about three and one-half or four feet from the ground. There are no barren stalks; every one has an ear, many stalks have two or three good ears, and the originator says that has been characteristic every year that he has grown it. Type is very even. Ears measuring from ten to twelve inches in length, and weighing one and one-half pounds are often found. The ears are very uniform in size and shape, with sixteen to twenty straight rows (usually sixteen rows) of deep, pure white kernels, set on small, white cob, and ears are well filled out over the tips. It is early, maturing in ninety-five days. The cob dries rapidly, so that it is ready for market earlier than any other large white field corn. Seventy pounds in the ear will make sixty-two pounds shelled. It is adapted to a wider range of soil and climate than any other corn we ever offered. It is in every way a distinct type of corn, hardy and a wonderful resister of drought.

We have never in our thirty-five years' experience found any corn, white or yellow, that would give as good results under adverse weather and soil conditions, or adapt itself so well to change of locality as does this variety.

Read the astonishing record of a prize contest. It produced 215 bushels per acre in Scott County, Iowa; 211 bushels per acre in Indiana; 201 bushels per acre in Arkansas; 178 bushels per acre in Illinois; 145 bushels per acre in Ohio; 137 bushels per acre in Texas.

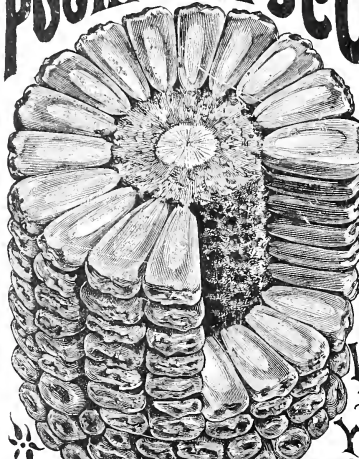
If you are looking for corn that will make you money every year, SILVER KING WILL MEET ALL REQUIREMENTS. There is no better feeding corn than Silver King. The grain is rich in oil and protein, the kernel is deep, cob is small, ears are always sound and heavy. Silver King will give heavier yields, and of better quality, on light soils, poor soils or sandy soils than any yellow sort we know of.

PRICES: For high grade extra select seed; pk. 10c., 3 pkts. 25c., by mail, postpaid; qt. 25c., 4 qts. 75c., pk. \$1.00 bu. \$3.50, 2 bus. or more at \$2.65.



Field Corn

POOR MAN'S CORN



A
NEW
90
DAY
VARIETY
YIELDS
ENORMOUSLY

60 TO 120 BUSHELS PER ACRE

MANY OF OUR MARKET GARDEN FRIENDS MAY NEED GOOD FIELD CORN SEED. YOU CAN GREATLY INCREASE YOUR CROPS OF CORN FROM 20 TO 50 PER CENT. BY A JUDICIOUS CHANGE OF SEED. THE LATEST IMPROVED VARIETIES ONLY ARE THE MOST PROFITABLE SORTS TO GROW. WE OFFER YOU THE BEST. FOR OTHER SORTS SEE OUR SEED BUYERS' GUIDE.

..Double Your Corn Crop..

ADVANTAGES OF CHANGING SEED CORN

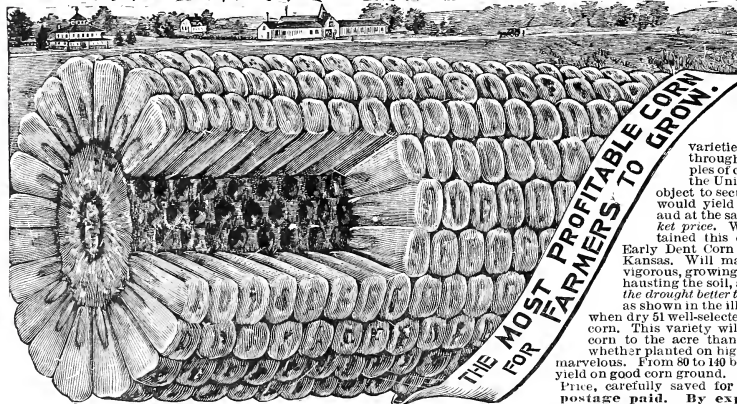
There is perhaps no other crop that we raise that is so much benefited by the introduction of fresh seed from time to time as a field corn, provided the change is to a well-selected stock. Our best customers will not plant their own raising of seed at all, but buy of us every year. They can grow nearly double the crop on the same land that they can from their own raising, and of better quality and more salable in the markets. Always "Change your seed" is the motto of all prosperous farmers.

POOR MAN'S CORN

Possessing Magnificent Properties, Splendid Qualities and Tremendous Possibilities. The Most Valuable New Field Corn in the World To-day.

This great corn is the result of a series of crosses and subsequently by a continuous systematic selection, accumulating and perpetuating the superior merits of its parents. We have evolved a superior new variety, which we take great pride in introducing to all growers of this important cereal in the United States and all foreign countries. We have named it the Poor Man's Corn because it will produce more crop on poor, light soils than any kind now in cultivation, thus greatly assisting the poor farmer who has little money with which to buy fertilizers. In strong, rich soils it has no superior. The ears are of good size, handsome, with large, deep grains of a rich orange color, and very small red cob, rarely producing less than two ears to the stalk. Husks and shells easily. It is also adapted to a greater variety of soils than any other variety, producing unusually well on light or high lands, where other varieties would not thrive. Has matured well-ripened corn in 85 days, planted May 25th. One hundred and thirty bushels shelled corn to the acre are common on good corn ground, with good, but not extra cultivation. Moreover, it commands a high price in the market, and is destined to be planted largely. You should be among the first.

Pkt. 10c, 3 pkts. 25c., postpaid; 1 qt. 25c., ½ pk. 75c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

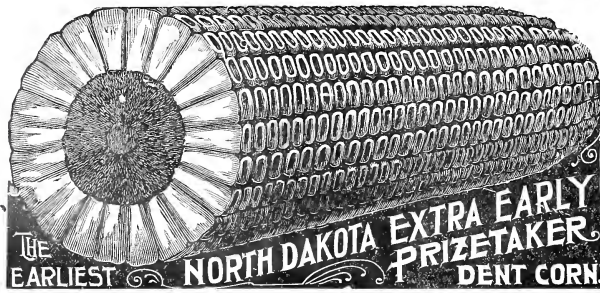


Kansas Golden King Early Dent Corn.

This glorious corn combines solid merit, grows large ears and matures early. The ear grows larger than the Leaming Corn, and on poor, thin soil will yield 40 per cent. more. For many years we have made the field corn a careful study and through investigation we have sent samples of corn grown in nearly every State in the Union, and personally tested with the object to secure an early maturing variety that would yield the most shelled corn to the acre and at the same time command the highest market price. We are confident that we have attained this end in the Kansas Golden King.

Early Dent Corn from the Great Elk Horn Valley, Kansas. Will mature in from 90 to 95 days, stalks vigorous, growing from 6 to 10 feet high, without exhausting the soil, and as its roots deeply, it will stand the drought better than any other late sort. The grains, as shown in the illustration, are unusually deep, and when dry 51 well-selected ears will make a bushel of corn. This variety will yield from 10 to 20 bushels more corn to the acre than any other late sort. No matter whether planted on high or low ground, its yield is equally marvelous. From 80 to 140 bushels per acre is not an uncommon yield on good corn ground. It is sure to please all who plant it. Price, carefully saved for seed, pkt. 10c, 3 pkts. 25c., postpaid. By express or freight, qt. 25c., 4 qts. 75c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

THE MOST PROFITABLE CORN FOR FARMERS TO GROW.



North Dakota Extra Early Prizetaker Dent

This is without doubt the earliest yellow dent corn in cultivation, bright orange color, short stalks growing from 6 to 8 feet high, medium-sized ears, small red cobs, long deep grains, very rich in oil and starch, and the most prolific of the earliest sort. It will make better fodder than any other known variety and all stock eat it with evident relish. It ripens earlier, dries out quicker, stands the drought better and will yield more No. 1 shelled corn than any other extra early. Two and three well developed ears to a stalk is no uncommon thing to see in this sort. Seventy pounds of corn with 100 ears of weight 68 pounds leaving the cobs to weigh only 7 pounds. No extra early yellow dent corn in America can get up to it in earliness and big yields. For the past 10 years it has never failed on account of its early growth ahead of frost every time. It will mature as early as Early Yellow Canada or Longellow flint. We cannot too strongly urge its merits upon our farmers and growers. Price of the Dakota Extra Early Prizetaker Dent Corn carefully saved for seed, pkt. 10c, 3 pkts. 25c., postpaid, by mail. By express or freight, qt. 25c., 4 qts. 75c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

THE EARLIEST NORTH DAKOTA EXTRA EARLY PRIZETAKER DENT CORN.

Figure it Out for Yourself

It costs but 80 cents for seed for 1 acre, freight included, for any of our improved varieties of seed corn; 50 acres of Diamond Joe's Big White will make you a yield of 4,000 to 5,000 bushels, 50 acres planted to common varieties will make you 1,500 to 2,000 bushels. Here is a difference of 2,500 to 3,500 bushels or less than a CENT PER BUSHEL FOR THE INCREASED YIELD, or a hundred times the cost of the seed. Figure it out for yourself.

DIAMOND JOE'S BIG WHITE

This wonderful new variety of white corn was originated and first introduced 4 years ago and is now acknowledged by farmers, planters and corn growers everywhere as the "King of all White Corn" for light, thin or sandy land. When we catalogued this corn the first year, although we had about 8 thousand bushels of it, our entire stock was exhausted long before the season was over. Since then we have grown it much more extensively, but each succeeding year the demand for it has increased until we have always sold out long before planting time was over. Those who were fortunate enough to secure some of this corn won a prize, and everywhere doubled their yields on light land and without exception were well pleased. In fact it would make one gasp with astonishment to see and read the reports that come to us about the wonderful yields this corn has made on thin or sandy soil. From nowhere comes a word of disappointment, but all are enthusiastic and loud in its praise when husking time comes. "DIAMOND JOE'S BIG WHITE" is incomparable with any other white corn we have ever before grown or handled in all our 40 years' experience. It is especially well adapted to old, thin, or sandy land, and on good strong corn ground there is no variety in the world that makes more big bushels of good, sound, well matured corn to the acre. It is absolutely free from barren stalks, every stalk bearing 1 to 3 well developed ears. It is very early to mature, making itself anywhere in from 80 to 100 days. It will thrive and do well in extreme drought. In short, "DIAMOND JOE'S BIG WHITE" is a superior variety of corn from every point of view over any white corn in the world. If you are looking for a white corn that will make you the most bushels and the most money on light land stop right now and order enough to plant your entire crop. It's the white corn that will do it. Pkt. 10c., 3 pkts. 25c., by mail; qt. 25c., 4 qts. 75c., 1 pk. \$1.00, ½ bu. \$1.85, bu. \$3.50, by express or freight.

LONG'S DROUGHTPROOF

A New Yellow Dent Corn
Resists Drought and Scorching Heat better than any other yellow variety. More corn fields have been ruined by the drought and hot sun killing the tassel and pollen this past season than the writer has ever known, and especially is this fact true in the great corn belt. This magnificent new yellow dent corn went on through 6 weeks of growing weather without a drop of rain, and the heat the most severe ever known in this section, and it has made a crop where other sorts failed on account of dry weather. All fields that leaned towards the hot sun burned up. The pollen on these fields was killed, therefore the silk was not fertilized, resulting in no grains on the cob. On the other hand, a large field of this wonderful strong-growing variety, which leaned toward the sun, kept green and yielded over 100 bushels per acre. We do not hesitate to say that, all points considered—its beautiful color, small cob, long yellow grains, large ears—taking all points combined, it is the finest drought-resisting yellow corn ever introduced, and each customer who gives it a trial will be fully convinced that it is the best 90 to 100 day corn he ever planted.

Droughtproof Corn is phenomenally excellent, and must be tried by all farmers. It will yield big crops wherever corn can be grown. We advise all our friends to try it.

Pkt. 10c., 3 pkts. 25c., by mail, postpaid; by express or freight, qt. 25c., 4 qts. 75c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

PEDIGREE
SEED
CORN

LONG'S
DROUGHTPROOF

NEW CREATION IN CORN

DIAMOND JOE'S BIG WHITE
SEED CORN 146 BUSHELS PER ACRE
The Earliest Big Eared White Corn in the World.

NOTICE.

Prices on all Farm Seeds Subject to Change without Notice.

The safest way, if you require considerable amounts of Farm Seeds, will be to send us a list of your actual requirements, and we will be pleased to quote lowest market prices by return mail.

HOOD'S EUREKA ENSLAGE CORN.



All friends of good fodder corn will undoubtedly be interested in this grand new variety from Mr. H. W. Hood, of Connecticut, a corn specialist of world-wide reputation. We have been in the seed business many years; we have spent the greater portion of our lives in improving and helping to better the conditions of the farmer, and in all these years we have never ordered anything that has given such tremendous satisfaction near and far as Hood's Superior Eureka Fodder or Ensilage Corn. For years our fodder corn has stood at the head of all varieties of fodder corns. There is reason for this. We grow our fodder corn for seed purposes. We keep sorting and weeding out, improving the type, improving its earliness and at the same time increasing its leafy husky, vigorous growth so that we have today, without any question, the very best heavy yielding, large growing, early, rich, nutritious fodder corn on earth! This statement may seem keen and strong, but there are 100,000 farmers scattered all over the United States who will back every word that we have said as regards same.

For years we have been experimenting with corn for fodder and ensilage purposes, growing every obtainable sort, and carefully testing its real value as a food producer, believing right along that rich quality is more important than large yield, but at the time looking for a sort combining both, that is big yield and rich nutritive quality. For this purpose we wanted a rapid growing, early, short-jointed, tall corn with a great abundance of leaves and tender stalks, rich, juicy, sweet, sugary flesh in the stalks, with a tendency to mature several ears, as corn of this nature furnishes more tons of green fodder per acre, and almost double the nourishment than common corn gives. This is what we were after, a corn maturing even in the north, good ears, fine, short-jointed stalk and a prodigious supply of leaves, and this was obtained by careful selection in Hood's Eureka Fodder or Ensilage Corn. It is immeasurably ahead of, and indeed, outstrips all other sorts in yield and twice in quality. All kinds of farm animals eat it greedily. Its yield of fodder is simply prodigious. 150,000 pounds per acre is one record, with stalks from 12 to 24 feet high. It is just the thing to make every farmer money. Price of Hood's Eureka Ensilage or Fodder Corn. By freight or express, qt. 20c., ½ pk. 50c., pk. 75c., ½ bu. \$1.40, bu. \$2.75.

Royal Ensilage Corn

A fine strain of ensilage corn, selected and developed by one of the most successful dairy men in Pennsylvania, which we believe will prove to be one of the most valuable and largest yielding ensilage corns in cultivation. It grows very tall, attaining a height of 12 to 15 feet; is prolific in its nature, having from two to six ears to the stalk, makes a heavy, thick growth of tremendously rich, luxuriant feed, and crops as high as do those of the acre, and is altogether in our opinion, and in the opinion of those who have tested it, the best and most productive of ensilage corns of its type. Every wide-awake stock or dairy farmer will find it extremely profitable and satisfactory to plant this fodder corn for feeding green or to put in the silo. Qt. 20c., ½ pk. 50c., pk. 75c., ½ bu. \$1.70, bu. \$3.00.

Longfellow Early Golden Flint Corn

This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two good specimens grow on one stalk. The cob is quite small and the kernels large. It is the largest variety of yellow field corn that we have ever found fit safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. It was the first corn to look the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, by freight or express, per bu. \$3.00, per pk. 90c., 4 qts. 60c., 1 qt. 25c.

Lippencott's Improved Golden Beauty

A Large Grained Yellow Dent Corn. This large, broad, yellow grain dent corn has very long ears covered with the brightest golden yellow grains of remarkable size and completely filled out to the extreme end of the cob. The cobs are unusually small; when broken in half, the grains will almost reach across. The richness of color and quality of grain makes it one of the best corns for grinding into meal. It is a vigorous grower, attaining a height of from 8 to 10 feet, producing one to two large size ears to a stalk. The perfect ears contain twelve to sixteen rows of extra bright golden yellow kernels. Easily shelled. Our stock is worthy of the name "Improved." By express or freight, not prepaid, pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.

Clark's Improved Leaming Corn

Previous to our introduction of North Dakota Extra Early Fodder Dent Corn, Clark's Improved Leaming has been considered the earliest large eared Yellow Dent in cultivation. The ears are large and handsome with deep gold color and small red cob. Stalks grow to medium size (not large), with few suckers, producing two good ears to each stalk; husks and shells easily. One hundred and thirty-six bushels of shelled corn have been grown to the acre on good soil ground. It is also adapted to greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. By freight or express, bags included, qt. 25c., pk. \$1.00, ½ bu. \$1.85, bu. \$3.50.



The Best Varieties of Pop Corn

QUEEN'S GOLDEN. The stalks grow six feet high, and the large ears are produced in abundance. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white and a single kernel will expand to a diameter of nearly one inch. Per pkt. 10c. By express 4 qts. for 90c.

WHITE RICE. The most widely known variety; very popular for parching. Selected seed. Per pkt. 10c. By express: Ft. 20c., per qt. 30c., 4 qts. 90c.

Imperial Japanese Buckwheat Grown From Imported Stock



A most wonderfully prolific, hardy Buckwheat. A yield of 60 bushels per acre is common, while it reaches as high as 80 and even 100 bushels. It is a long bloomer, the crop more than double the size of other varieties. Splendid for Buckwheat flour. About a week earlier than Silver Hull and on that account can be grown farther North or planted later in the season. It is very hardy and can be sown earlier than the old type. It sets full crops in dry, hot weather. Price: Pk. 50c., bu. \$2.50, 2½ bu. \$7.00.

Calcutta Silver Hull Buckwheat

This valuable variety originated abroad and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Calcutta Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Calcutta Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 30 to 75 bushels an acre. ¼ bu. 65c., bu. \$5.00.

Japanese Millet

A very distinct variety that is particularly valuable in the Northern States as a quick growing forage and ensilage crop, attaining a height in good soil 6 to 8 feet and yielding from 10 to 15 tons of green fodder per acre. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock; cattle especially consume it without waste before reaching green fodder. Corn, and cows fed on it invariably increase in milk. For dried fodder, it should be cut in the blossom stage; it is freely eaten by stock and is often preferred by horses to Timothy and Clover. When sown early, it produces a fair second cutting. For ensilage, two parts of the Millet in combination with one part of Soja Bean forage, form a complete balanced ration that may be fed without grain. It thrives best in wet or moist ground. Sow from April to July, 15 lbs. of seed per acre broadcasted. Price, 15c. lb., 10 lbs., \$1.20; 100 lbs., \$10.00.

White Blooming Italian Clover

Matures Later, Makes Larger Growth and Better Hay Crop Than the Crimson. Excellent for Green Food, a Hay Crop or a Clover Crop, or a Nitrogen Gathering Crop for Worn Out Soils.

The White-blooming Crimson Clover is about two or three weeks later in maturing its crop than Crimson Clover, and makes a better crop for hay as it makes a larger and more vigorous growth and usually matures at a better season for cutting. It makes a superior pasture or hay when sown in the fall with our Danish Giant Winter Rye. This makes a valuable late autumn and early spring pasture for hogs, horses and milch cows. One bushel of rye and 20 pounds of clover is seed per acre. Quantities to sow Price, 1 qt. 40c., 1 pk. (15 lbs.) \$3.75, 1 bu. \$10.00.



Cahoon's Patent Hand Seed Sower With Pierce Attachment

For sowing alfalfa, wheat, oats, barley, rye, buckwheat, grass, seeds, etc. The best machine of the kind in the market. The grain is held in a tight sheet iron hopper, surrounded by a bag that will hold a bushel of seed. This is suspended by a strap from the operator's neck and held in position by a strap around the waist. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price \$3.25

Chinese Early Velvet Beans Makes an Enormous Growth—The Cheapest and Best Soil Improvers

This new Velvet Bean is rapidly coming into great popularity wherever it is grown, on account of its earlier maturity than the regular Velvet Bean, and even a larger and larger growth of vines and leaves than the regular Velvet Bean, and is of more value for soil improvement. It grows off vigorously from the start, and is better adapted for planting in the northern districts than other kinds. The use of Chinese Early Velvet Beans, both as forage and soil-improving crops, is increasing everywhere, and the quicker growth of this variety will make Velvet Beans more generally planted than heretofore. They make an enormous growth of vines, greater in fact than any other known forage plant in the same length of time, far surpassing the cow pea or soja bean, and as soil improvers are greatly superior as they make a much larger growth and heavier foliage. The proportion of nitrogen gathered is about the same as cow peas and as the yield of green forage is much greater the total amount of humus and nitrogen is much greater. A crop of three tons will add much nitrogen to the soils will a ton of cotton-seed meal, while the amount of humus will be three times as great.

In the South, Velvet Beans are used very largely for winter grazing, and for that purpose it is one of the best crops that can be grown on sandy or light soils. The crop should be planted in rows 3 feet apart or broadcasted, using ½ bushel of seed per acre. Price, qt. 30c., 4 qts. 50c., pk. \$1.50, ½ bu. \$2.85, bu. \$5.50.

NEW CHINESE GIANT SUNFLOWER (NEW) Specimens have been grown measuring 8½ feet in circumference. Our stock seed is direct from China, where immense quantities are grown for fattening poultry and feeding stock. It is the giant of all sunflowers; no other sort will approach it in size and is extremely profitable to grow. If you have a dozen chickens you can get it profitable to plant a package; if you have more, plant an ounce or a pound, as it is the healthiest food in the world for fowls. It is the best, cheapest egg-producing food known for poultry. An acre is capable of producing 125 bushels, and can be grown at less expense than corn. Three pounds will plant an acre. Every farmer should plant some of the seed. Pkt. 5c., ¼ lb. 30c., lb. 50c., 1 bu. \$3.25.

GENTLE MAMMOTH RUSSIAN SUNFLOWER. Oz. 5c., qt. 15c., 1 qt. 37 mail postpaid 25c., pk. 75c., 1 bu. \$2.50.

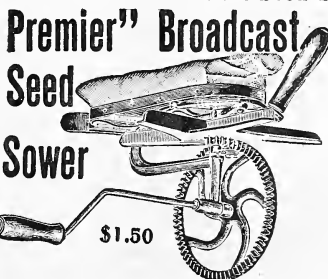
Giant Russian Poultry Cabbage

Specimen heads have been grown to weigh 100 pounds. This is probably the cheapest and best succulent winter food for poultry in the world and equally good for the warmer months where poultry of any kind is closely confined. It is a wonderful egg and health producer and gives a delicate peasean flavor to the flesh. Ducks, geese, turkeys and chickens eat it with great relish. 50,000 pounds per acre is no unusual yield. Stands more cold than ordinary cabbage. Every poultry grower should plant this wonderful cabbage for winter food. It can be kept during winter as well as ordinary cabbage. It is a money-maker for all poultrymen who feed it. Cultivate same as other cabbage. Pkt. 10c., 5c. 50c., ¼ lb. \$1.25.

Tobacco Seed

CONNECTICUT SEED LEAF. An old well-known variety. Pkt. 10c., 5c. 25c., ¼ lb. 75c., lb. \$2.50.
HAVANA. Grown from seed imported from the district of Yuelta de Abajo. Pkt. 10c., 5c. 25c.
WHITE TURLEY CROSS on Yellow Oronoko, possessing the qualities of both parents blended. Pkt. 10c., 5c. 25c., ¼ lb. 75c., lb. \$2.50.
GENERAL GRANT. It produces leaves 4½ inches in length, and matures as far north as Duluth. Pkt. 10c., 5c. 25c., ¼ lb. \$1.10, lb. \$4.00.
PERSIAN ROSE MUSCATELLE. Introduced from the gardens of the Shah of Persia. Pkt. 10c., 5c. 25c., ¼ lb. \$1.00, lb. \$3.00.
Specimens of the earliest to ripen and one of the best for all purposes. Pkt. 10c., 5c. 25c., ¼ lb. 60c., lb. \$2.00.

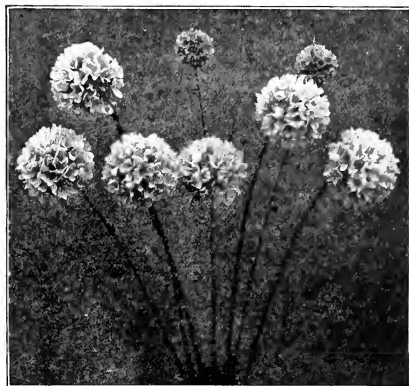
Premier Broadcast Seed Sower



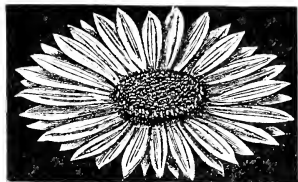
The Premier is the easiest running machine on the market. The seed is fed in such a manner as to insure an even distribution. The grain bag is supported by a strap thrown across the shoulders. The Premier will sow any seed that is sown broadcast, such as oats, wheat, 40c. rye, flax, millet, buckwheat, barley, clover, timothy, grass seed, etc. Price \$1.50



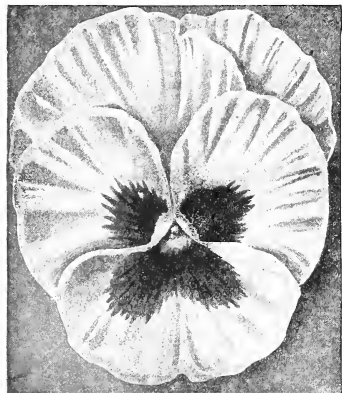
Cyclamen, Giant White Swan



Armeria Gigantea, Giant Rose Sea Pink



Arctotis Grandis



Tricolor Maxima Hienalis



Gazania Longiscapa

CYCLAMEN

No. 756. **Giant White Swan.** A truly magnificent Cyclamen of a pure ivory white color. The most profuse blooming in cultivation. A bold, well-formed flower throwing its massive flowers well above the foliage. A well-grown year-old plant of this in full bloom is a magnificent sight. Will be found very profitable to grow for cutting or as a pot specimen. Pkt. 50c., 100 seed \$1.00, 1000 seed \$8.50.

ARMERIA

No. 20. **Gigantea (Giant Rose Sea Pink).** Produces large globe-shaped flowers of a light rose color. Fine for borders and valuable as a cut flower. Very free bloomer; keeps well after cutting; thrives in any well enriched soil. Hardy perennial, blooming first season if sown early. Pkt. 10c., 5 pkts. 25c., Trade pkt. 40c.

NEW PANSY

No. 1313. **Tricolor Maxima Hienalis (Winter-blooming Giant Pansies).** These new Pansies may be announced as an introduction of great importance. Sown at the same time as other Pansies, they begin flowering from four to six weeks earlier than other sorts. The cardinal feature of these plants is an extreme hardiness, which enables them to withstand quite severe winters and to bloom right on into the summer. They have also an appreciable pleasant perfume. On account of their extraordinary early blooming these Pansies are of great value to florists and landscape gardeners. This new giant-blooming earliest class can be warmly recommended. Their markings and colors are very pretty. Pkt. 25c., Trade pkt. 50c., $\frac{1}{2}$ oz. \$1.00, oz. \$7.00.

ARCTOTIS

No. 140. **Grandis (Blue-Eyed African Daisy).** This remarkable novelty is of easy growth, and quickly forms a bush two to three feet across with distinct silvery-white, deeply cut foliage. Each plant produces an immense number of daisy-like flowers which measure two and a half to three inches across, and are silvery-white, with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petals is of lilac-blue. Hardy perennial, fine for cutting. Pkt. 10c., Trade pkt. 35c.

GAZANIA LONGISCAPA

No. 995. New extremely free flowering, magnificent species of easiest culture. It forms large, round bushes of 6 to 8 inches in height, well garnished with long stemmed flowers of $2\frac{1}{2}$ inches in diameter. The color of the flowers is a lovely golden yellow; at the base of the ray florets, close to the yellow disk, there is a brown zone with silvery-white spots, which is surrounded by a blackish-brown ring. On the reverse each petal bears a brown stripe. When planted on a sunny spot, this plant will bloom incessantly the whole season through. Makes a fine pot plant. Pkt. 15c., 2 pkts. 25c., Trade pkt. 35c.

CINERARIAS

No. 631. **Giant-Flowered, brilliant prize, half dwarf, mixed.** Our Superb strain of Cineraria is distinguished by its splendid range of colors, the most distinct of which we offer separately. The mixture includes every conceivable shade of pink, carmine, crimson and blue, varying from the palest forget-me-not to the richest violet, as well as pure white and the gorgeous bicolors of crimson and white, and blue and white. The flowers are of immense size, borne on plants of compact robust habit. About 1 foot tall. Pkt. 50c., $\frac{1}{2}$ Trade pkt. 60c., Trade pkt. \$1.00.

346 **BEGONIA SEMPERFLORENS LUMINOSA**
(True ever-blooming type)

This is a magnificent brilliant scarlet and exceedingly showy. The plants are literally covered with bloom of good size the whole summer until frost; the foliage is of a rich, lustrous brown, producing a splendid effect especially when massed in ribbons or beds.

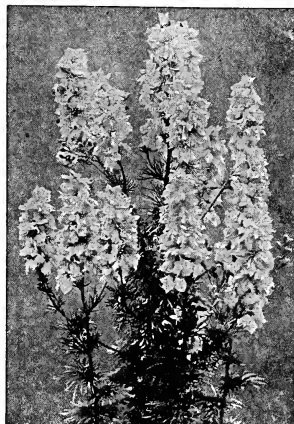
It is dwarf and bushy and makes a very attractive and valuable pot plant. The flowers commence to show when quite young and under greenhouse culture it is a perpetual bloomer. It is decidedly superior to all the dark-foliaged semperflorens begonias. Pkt. 25c; Half trade pkt. 60c; Trade pkt. \$1.00.



1089 *Helichrysum Golden Globe*

1089 **HELICHRYSUM**
GOLDEN GLOBE

A very beautiful everlasting. Flowers should be cut before fully developed. An excellent substitute for immortelles, being cheaper and more durable; producing an abundance of large, handsome, globular flowers of a clear, golden yellow color. Pkt. 10c. Trade pkt. 30c.



No. 1235. *Larkspur White Wonder*

1235 **LARKSPUR—**
WHITE WONDER

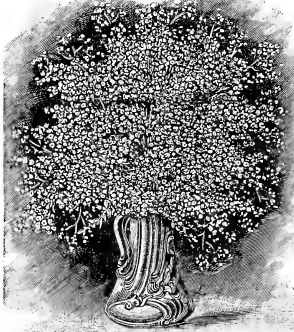
A magnificent hardy annual and should be sown as early in the Spring as possible where intended to flower. Producing great masses of long spikes of double flowers of the purest white, exceedingly effective and graceful. Valuable for summer cutting, 2 ft. Pkt. 10c. Trade pkt. 30c. Oz. \$1.00.

1080 **GYP SOPHYLA**
PANICULATA,
DOUBLE WHITE

Gypsophylas are very popular with the flower-loving public and decidedly profitable for the florist to grow for cutting. Our new double white produces a great profusion of graceful panicles of beautiful pure white wavy blossoms. The vigorous blooming period lasts a very long time. Highly valuable as a fresh or dried cut flower. Hardy perennial, blooming first year if sown early; 2½ feet. Pkt. 20c. Trade pkt. 50c.

1076 **Gypsophyla**
Paniculata Grand-
iflora Compacta

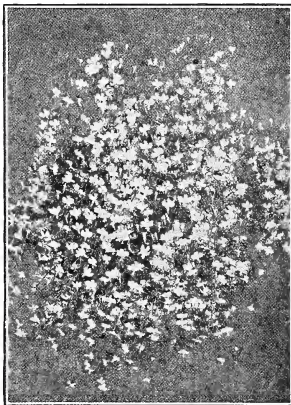
A fine and much improved and very free blooming type of the old paniculata variety, valuable for summer cutting. A handsome, hardy perennial, blooming the first year if sown early; 2½ feet. Pkt. 10c. Trade pkt. 30c. Oz., \$1.00.



1080 *Gypsophyla Paniculata, Double White*

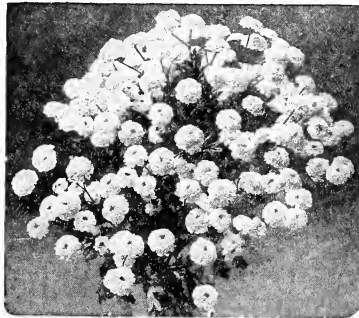
1304 **LOBELIA HYBRIDA PENDULA SAPHIRE**

We now have pleasure in offering a variety of great merit with sapphire blue flowers, with a large, pure white eye in the center. These flowers surpass those of its predecessors in size, attaining a diameter of ¾ inch, thus approaching the dimensions of *Lobelia ramosa*, the largest-flowering annual *Lobelias*. A remarkable feature of our new *Lobelia Sapphire* is its extraordinary profusion of bloom, a well-developed specimen often bearing as many as 600 to 700 flowers at one time, which thickly stud the very long rambling branches and contrast most effectively with the light green foliage. It would indeed be difficult to find among easily-grown annual plants anything nearly as graceful and effective for windows and hanging baskets as this new trailing *Lobelia*, which continues to bloom for a very long period. Pkt. 15c; Trade pkt. 35c.



1304 *Lobelia Sapphire*

1375 **MATRICARIA ELEGANTISSIMA ALBA** (Ball of Snow)



1375

Matricaria Elegantissima
CANDELABRA (Winter Stock)

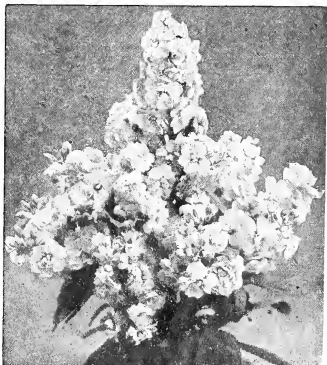
A highly valuable and distinct new winter blooming type of stock, producing strikingly large and very double and delightfully fragrant flowers, with a massive central spike, branching freely, almost continuous are admirably suited for the conservatory and exceedingly fine for exhibition, blooming in about four months from time of sowing. We can warmly recommend this type of stock. About 20 inches.

3000 **White Queen.** Massive spikes of lustrous snowy white. Strikingly large and very double white flowers. Pkt. 20c. Trade pkt. 50c.

3001 **Bright Scarlet.** Splendid color, superb variety. The whole plant produces a magnificent pyramidal bouquet. Pkt. 20c. Trade pkt. 50c.

3002 **Salmon Beauty.** Brilliant rose salmon, fine. Pkt. 20c. Trade pkt. 50c.

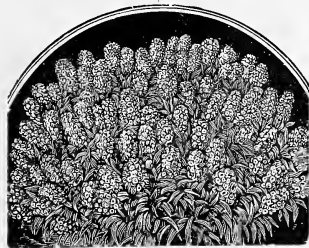
3003 **Sapphire.** Remarkably fine blue, huge spikes, branches freely, a capital market variety. Pkt. 20c. Trade pkt. 50c.



3000

Candelabra Stock

Excellent for summer cutting, producing a wonderfully large mass of beautiful pure white flowers until killed by frost. Equally valuable for pot culture or as a cut flower; very desirable for funeral work. Hardy annual of easy culture. Pkt. 5c. Trade pkt. 25c. Oz. \$1.00.



Alyssum—Carpet of Snow (Dwarf Bouquet)

many as 300 heads of snow-white flowers open at one time. The best sort for pot culture (see cut). Pkt. 10c., large pkt. 30c.

- 72 Little Gem. White; very free bloomer; 4 in. Pkt. 5c., trade pkt. 20c., oz. 50c.
73 Saxatile Compactum (Basket of Gold). Beautiful golden yellow; 1 ft. Pkt. 5c., large pkt. 25c.

AMARANTHUS

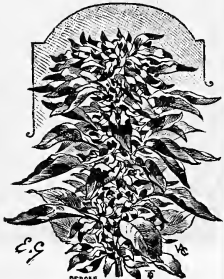
Ornamental foliage and flowering annuals of striking effect; they are of rapid growth, easy culture and very showy with flower spikes or richly colored foliage. For semi-tropical gardening they are unique and effective; 3 feet.

- 80 Caudatus, (Love Lies Bleeding.) Long racemes of curious-looking, blood-red, drooping flowers. Pkt. 5c.

- 81 Salicifolius, (Fountain Plant). Pyramidal drooping scarlet. Pkt. 5c.

- 82 Tricolor Splendens, (Joseph's Coat.) Foliage very brilliant and showy, yellow, scarlet and green, a great improvement on A. Tricolor. Pkt. 10c., large pkt. 15c. (see cut).

- 83 Mixed. Comprising over twenty beautiful sorts. Pkt. 5c., trade pkt. 15c.



Amaranthus Tricolor Splendens

AMPELOPSIS

(Boston or Japanese Ivy)

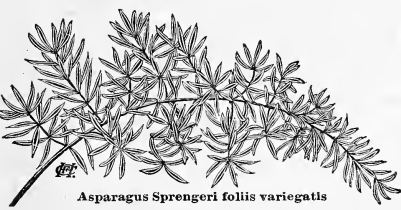
- 90 Veitchi (A. Trienspidata). Hardy climber, will adhere firmly to brick or stone walls; 60 ft. Pkt. 10c., oz. 50c.

ANEMONE (Wind Flower)

- 110 Chinensis, Mixed. Very beautiful, large, white, striped, scarlet, purple and blue single very showy flowers, hardy perennial; 1 ft. Pkt. 10c., large pkt. 25c.

ARCTOTIS

- 140 Grandis. (African Daisy.) Pure white, shaded purple underneath, 2½ ft., valuable for cutting, having long stalks, blooming all summer. Pkt. 10c., 3 pkts. 25c.



Asparagus Sprengeri foliis variegatis

ASPARAGUS

- 146 Plumosus Nanus. This graceful Asparagus is an excellent house plant. Pkt. 15c., \$1.00 per 100 seeds.
147 Sprengeri, (Emerald Feather). One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the greenhouse in winter and outdoors in summer. Pkt. 10c., 50c. per 100 seeds.
148 Hatcheri. Beautiful fronds, rapid grower. Pkt. 25c., 100 seeds \$1.50.
149 Sprengeri foliis variegatis. The leaves being white with the exception only of a green centre vein running lightly through them, making it highly ornamental and desirable. Soil should not be too rich. Pkt. 25c.

ALYSSUM

These flower profusely throughout the season, thriving in flower garden, window boxes, vases, etc.; also well adapted for ribbon lines and edgings; very fragrant hardy annual.

- 70 Sweet Alyssum. White, trailing, the finest variety for cut flowers; 8 in. Pkt. 5c., oz. 25c.

- 71 Carpet of Snow. (Dwarf Bouquet.) Pure white; grows only 2 to 3 inches high and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of snow-white flowers open on one plant at one time. The best sort for pot culture (see cut). Pkt. 10c., large pkt. 30c.

ASPERULA

- 141 Odorata. (Sweet Woodruff.) An old-fashioned favorite grown for its fragrant leaves and stems which, when dried, have an odor not unlike new mown hay, and are used for putting among clothes, etc.; also used in Germany to flavor the "Maitrank," or May wine; best grown among shrubbery, or semi-shaded position; hardy perennial; blooms first season; flowers white. Pkt. 10c., large pkt. 15c.

ANTIRRHINUM

(Snapdragon)

One of our most showy and most useful border plants, which have suddenly leaped into favor. They succeed in any good garden soil and are very effective in beds; will bloom until frost if seed pods are removed. They are now in growing demand on a large scale in both public and private gardens. Hardy perennials, blooming the first year from midsummer until frost. Long spikes and large flowers; a most beautiful type for outdoor cutting; 2 ft.

- 112 Sutton's Giant, Pink. Pkt. 10c.
113 Sutton's Giant, Deep Scarlet. Pkt. 10c.
114 Sutton's Giant, Blood Red. Pkt. 10c.
115 Sutton's Giant, Striped. Pkt. 10c.
116 Sutton's Giant, Yellow. Pkt. 10c.
117 Sutton's Giant, White. Pkt. 10c.



Double White Snapdragon

- 118 Sutton's Giant, Double White. Excellent, very large blooms of great value for cutting. Pkt. 10c.
119 Sutton's Giant, Double Yellow. Flowers of a brilliant canary yellow and eclipse all others in size. Pkt. 25c.
120 Semi-Dwarf, Mixed. 15 in. Pkt. 5c., ½ oz. 25c.
121 Vervaeana Hybrids, Dwarf Mixed. Remarkably gorgeous colors in endless variety; surprisingly beautiful; unsurpassed for pots; 10 in. Pkt. 10c., ½ oz. 50c.
122 Sutton's Giant Gems, Mixed. Comprising only large-flowered, most rare and choicest novelties and most brilliant colors of this famous hybridizer. Pkt. 10c., ½ oz. 50c.

ANTIRRHINUM SPECIAL LARGE FLOWERING GREENHOUSE VARIETIES

- Magnificent large showy flowers on extra long spikes.
124 Crosswick's Pink. Delicate soft creamy pink; Pkt. 25c.
125 Crosswick's White. Pure white superb flower; immense long spikes. Pkt. 25c.
126 Crosswick's Yellow. Magnificent orange. Pkt. 25c.
127 Silver Pink (New.) Delicate pink on white ground, long spikes, flowers of purest form. Pkt. 25c.
128 Scarlet Flame. A self-brilliant fiery scarlet; a most striking color. Pkt. 25c.
129 Giant Crest. Soft rosel pink, tinged salmon, with golden orange lip. Pkt. 25c.

AQUILEGIA (Columbine)

- Very handsome, ornamental, hardy perennial plants, growing one to three feet high, of easy cultivation and bearing in profusion large flowers of novel shape and in great variety of color (see cut).
130 Crysanth. (Golden Spurred.) Brilliant golden yellow; 3 ft. Pkt. 5c., ½ oz. 25c.
131 Cornelia Grandiflora. Beautiful violet blue, inner petals pure white. Pkt. 10c.
132 California Hybrida. Large yellow flowers with exquisite long dark orange spurs. Pkt. 10c., large pkt. 40c.
133 Single, Mixed. Extra quality, embracing twenty beautiful sorts; 2 ft. Pkt. 5c., oz. 30c.
134 Double, Mixed. Comprising twenty-five of the handsomest and best sorts in choice variety. Pkt. 5c., oz. 50c.
135 Long-Spurred Hybrida. All the best and brightest colors. Very fine. Pkt. 15c., 2 pkts. 25c.

BALSAM APPLE (See Momordica) BALLOON VINE

A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons.

- 310 Balloon Vine. (Cardiospermum.) Pkt. 5c., oz. 25c.

DOUBLE BALSAMS

(Lady Slipper or Touch-me-not)

- Remarkable perfection now attained in this old favorite summer garden annual; height, 1½ to 2 feet.
320 Perfection, Double White. Flowers of purest white, very large, of good substance and keep fresh long. Pkt. 10c., ½ oz. 75c.
321 Goliath Mixed. Very double, brilliant colored flowers. Plant about 4 feet tall, and candelabra shaped; fine for groups. Pkt. 10c., large pkt. 30c.
322 Solferino. Beautifully striped and spotted. Pkt. 5c.
323 Royal Garnet. Brilliant scarlet, very double. Pkt. 5c., trade pkt. 15c., oz. 50c.
324 Perfection Camellia Flowered, Superb Mixed. This strain is the highest point of perfection yet attained, the flowers being immense size and faultless in form, composed of the finest varieties and most brilliant and charming colors only. Pkt. 5c., ½ oz. 30c. One packet each 5 numbers 30c.

BARTONIA AUREA

- 328 California Golden Bartonia. This is one of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer; one foot. Annual. Pkt. 5c., large pkt. 30c.

BEANS

- 330 Scarlet Runner. Rapid climber, fiery scarlet. Pkt. 5c., ½ pint 20c., pint 35c., by mail 40c.

MOORE'S FINE ASTERS FOR FLORISTS

Are Unsurpassed in Quality, Size and Color

All our Aster seed is grown by specialists of well-known renown, and florists and amateurs can rely upon getting better varieties and colors and higher quality and greater perfection in form and doubleness from us than from any other seed establishment in America. We call particular attention to our Japanese Mammoth Flowered Chrysanthemum Tall and Half-Dwarf types as being the finest sorts yet introduced of their kind. We also offer various other types of special fine Asters for florists not found in other catalogues. All Asters require very rich, light soil, and in hot dry weather should be mulched with well rotted manure, and frequently supplied with manure water.



Moore's New Beauty Aster

JAPANESE MAMMOTH FLOWERED BRANCHING ASTER

Of especial value to florists for cut flowers. These magnificent Asters we have secured from a celebrated Japanese Aster specialist. They combine more points of merit than any other one class of Asters, bearing extraordinarily large semispherical double flowers of immense size on long stems averaging 6 inches in diameter, of the most symmetrical form. They are of great durability, the petals being of splendid substance, withstanding storms, rains and hot sun better than any other Asters, coming through such vicissitudes as gloriously beautiful as ever. A splendid type for florists' decorative work and unsurpassed for pot culture, 20 to 24 inches high. Each plant producing from 20 to 30 magnificent flowers.

- 160 White Wings. Handsome, satiny-white, fine form. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 161 Scarlet Gems. Magnificent, glowing crimson-scarlet. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 162 Queen of Roses. Extra fine, lovely dark rose. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 163 Shell Pink. Exquisite shade. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 164 Shrimp Pink. Light rose, desirable. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 166 Light Blue. Light azure blue. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 167 Dark Blue. Rich dark blue. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 170 Moore's Superb Mixed. Pkt. 15c., trade pkt. 50c., oz. \$3.00.

EXTRA EARLY FLOWERING FRENCH ASTER

A truly remarkable early flowering bushy type with flowers nearly double the size of Queen of the Market, of good form, similar to our Japanese Mammoth Flowered Branching Aster. Flowers are borne on long stout stems. In strong demand for cut flowers.

- 202 Paris White. Very effective. Pkt. 15c., trade pkt. 40c.
- 203 Shell Pink. Light rose. Pkt. 15c., trade pkt. 40c.
- 204 Amethyst Blue. Clear light blue. Pkt. 15c., trade pkt. 40c.

BETTERIDGE'S EARLY MARKET

An improved Queen of the Market Aster.

A most excellent very early blooming class from England. An improvement of and much superior to Queen of the Market. Flowers of good size and substance and very free bloom, 14 to 16 inches high.

- 199 Shell Pink. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 200 White. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 201 Pink. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 202 Light Blue or Lavender. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 203 Dark Blue or Purple. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 204 Crimson. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 205 Mixed. Comprising five colors. Pkt. 10c., trade pkt. 25c., oz. \$1.00.

MOORE'S NEW BEAUTY ASTERS

Without doubt the finest of all the Chrysanthemums. Flowers borne on long, straight, stiff stems. Flowers are very graceful and keep longer when cut than any other type.

- 277 Pink Beauty. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
- 278 Lavender Beauty. Pkt. 15c., trade pkt. 50c., oz. \$3.00.



Japanese Mammoth Flowered Branching Aster

PEONY-FLOWERED PERFECTION (Moore's Improved)

A beautiful incurved type. Blooms are large, profuse and handsome, fine for bedding or pot, 18 to 20 inches high.

- 210 White Swan. Pkt. 10c., trade pkt. 30c., oz. \$1.50.
- 211 Perfection Rose. Pkt. 10c., trade pkt. 30c., oz. \$1.50.
- 216 Azure Blue. Pkt. 10c., trade pkt. 30c., oz. \$1.50.
- 218 Purple Cloak. Pkt. 10c., trade pkt. 40c., oz. \$2.50.
- 221 Dark Blood Red. Pkt. 10c., trade pkt. 30c., oz. \$2.50.
- 223 Superb Mixed. Comprising all the above and many other showy sorts. Pkt. 10c., trade pkt. 30c., oz. \$2.00.

GIANT LATE-FLOWERING BRANCHING ASTERS

Superior to any other class of late-flowering branching Aster, lengthening the Aster season until frost. The flowers are large, 4 inches across, are very double, of purest colors, and borne on long stems. Strong growers, 18 inches to 2 feet high. Grand for cutting.

- 230 White. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 231 Lavender or Light Blue. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 232 Crimson. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 233 Shell Pink. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 236 Dark Blue. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 237 Deep Rose. Pkt. 10c., trade pkt. 35c., oz. \$1.00.
- 238 Superb Mixed. Six colors. Pkt. 10c., trade pkt. 25c., oz. \$1.00.

IMPROVED VICTORIA ASTERS

- 240 White. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
- 241 Rose. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
- 242 Scarlet. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
- 243 Light Blue. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
- 244 Dark Blue. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
- 245 Superb Mixed. Splendid for bouquets. Blooms late. Extra quality. Pkt. 10c., trade pkt. 30c., oz. \$1.75.

SUTTON'S GIANT COMET BRANCHING ASTERS

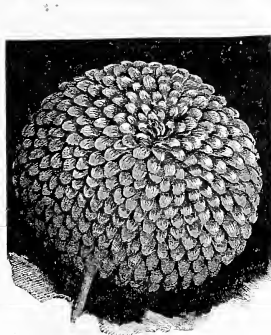
Flowers of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose yet densely double half globes. The plants attain a height of 15 inches, each plant bearing from 20 to 30 of these magnificent flowers on long stems, which gives them an added value for cutting.

- 252 Salmon Pink. Extra fine. Pkt. 15c., trade pkt. 50c., oz. \$2.50.
- 253 Snow White. Pkt. 10c., trade pkt. 35c., oz. \$2.00.
- 254 Bright Rose. Pkt. 10c., trade pkt. 35c., oz. \$2.00.
- 255 Deep Blue. Pkt. 10c., trade pkt. 35c., oz. \$2.00.
- 256 Lavender. Pkt. 10c., trade pkt. 35c., oz. \$2.00.
- 257 Crimson. Pkt. 10c., trade pkt. 35c., oz. \$2.00.
- 258 Superb Mixed. Comprising the above and many other beautiful sorts. Pkt. 10c., trade pkt. 30c., oz. \$1.75.

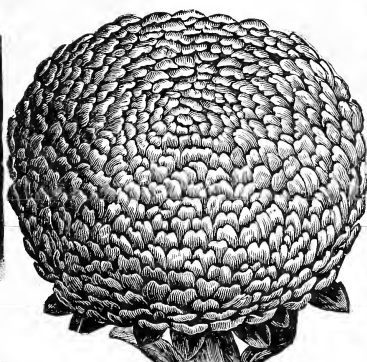
MOORE'S EARLY JUNE ASTER (Extra Early Wonder)

Highly valuable on account of their extreme earliness, blooming in June. Plants about 12 inches high, with numerous medium size, very double flowers on long stems. Valuable for cutting.

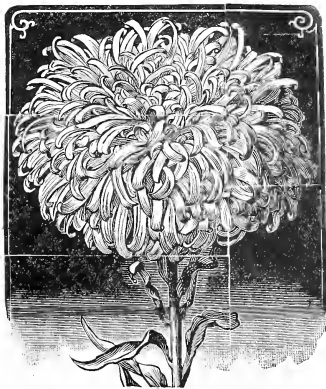
- 293 Snowflake. Pure white. Pkt. 10c., trade pkt. 40c., oz. \$2.50.
- 294 Rose Pink. Fine shade. Pkt. 10c., trade pkt. 40c., oz. \$2.50.



Diamond Aster



German Invincible Aster



Sutton's Giant Comet Branching Aster

DIAMOND ASTERS

The plant is of fine pyramidal shape and is one mass of bloom of the Ball or Jewel type, and keeps a long time fresh, producing from twenty to thirty large, beautifully-formed flowers of good size on each plant. Excellent type for funeral, decorative or small design work. Excellent for pots. 15 to 18 inches high.

- 246 Daybreak. Rosy, superb variety. Pkt. 15c., trade pkt. 50c.
 247 Dark Salmon. Mottled with white. Pkt. 15c., trade pkt. 50c.
 250 Perfection Rose. Pkt. 10c., trade pkt. 35c., oz. \$3.50.
 251 Pure White. Very fine. Pkt. 10c., trade pkt. 35c., oz. \$3.50.
 249 Lavender. Azure. Pkt. 10c., trade pkt. 35c., oz. \$3.50.
 248 Dark Blue. Rich shade. Pkt. 10c., trade pkt. 35c., oz. \$3.50.
 252-A Crimson. Pkt. 10c., trade pkt. 35c.
 252-B Superb Mixed. Pkt. 10c., trade pkt. 40c., oz. \$2.50.

ENCHANTRESS ASTER

Its vigorous, upright habit of growth, the profusion of good, strong, flowering stems, together with the size and loose, graceful effect of the branching type of flower make this variety a very desirable acquisition. The beautiful, large, double pink flowers have the delicate shade of the Pink Enchantress Carnation. Unlike many other pink Asters, this variety holds its soft, delicate color for a long time without fading. The broad, flat petals give a soft effect which is extremely pleasing.

- 263 Enchantress White. Pkt. 15c., trade pkt. 40c., oz. \$2.50.
 260 Enchantress Pink. Pkt. 15c., trade pkt. 40c., oz. \$2.50.
 262 Enchantress Lilac. Pkt. 15c., trade pkt. 40c., oz. \$2.50.

GERMAN INVINCIBLE ASTERS

This valuable class is a wonderful achievement in Asters, a superior race in every way. The plants are of very healthy, robust, branching growth, about two feet high, producing, on long stems, massive, peony-formed flowers of perfect form and faultless outline, and exceedingly double to the very centre. The flowers are the most beautifully formed of all large Asters. The petals are of thick durable substance, and, in consequence, the flowers last long in perfection. These Asters are wonderfully prolific. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gay and enlivening. When well grown the flowers of German Invincible Asters average 3½ inches across; 4-inch flowers are quite common.

- 254 Snow White. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 255 Brilliant Rose. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 286 Shell Pink. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 287 Dark Scarlet. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 288 Light Lavender. Mauve. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 289 Dark Blue. Pkt. 10c., trade pkt. 40c., oz. \$3.00.
 290 Mixed. About fourteen beautiful sorts. Pkt. 10c., trade pkt. 40c., oz. \$2.75.

OTHER NEW ASTERS OF RECENT INTRODUCTION

- 307 Crimson King. Late branching type of rich, rosy, crimson color. Pkt. 10c., trade pkt. 35c., oz. \$2.50.
 309 Daybreak. Blooms about August; of symmetrical growth; about 18 inches high. Delicate pink shade. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
 310 Purity. Same as Daybreak but pure white. Pkt. 10c., trade pkt. 40c., oz. \$1.75.
 311 Peerless Pink. Good, strong grower, flowers four to five in. diameter, of a rich, showy shell pink color. Pkt. 15c., trade pkt. 50c., oz. \$2.00.
 312 Lavender Gem. Comet type, with pretty large flowers of a pleasing shade of lavender. Pkt. 15c., trade pkt. 50c., oz. \$3.00.
 313 Violet King. A very free grower and abundant bloomer of a striking dark violet color. Pkt. 10c., trade pkt. 30c., oz. \$1.25.
 319 Chinn Aster. New type. Large richly colored flowers. Valuable for cutting. Mixed. Pkt. 5c., trade pkt. 25c., oz. \$1.50.

MOORE'S WHITE SENSATION ASTER

This is a new giant Aster in all its parts. Very large, perfect double flowers, often 6 inches in diameter, borne on long, stiff stems. We can heartily recommend it for any kind of decorative floral work. Stands shipping well.

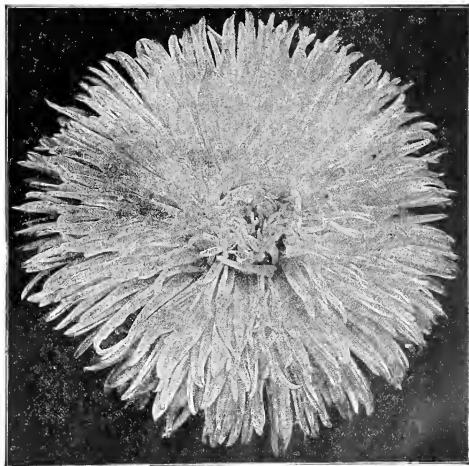
- 292 Pkt. 15c., trade pkt. 50c., oz. \$4.00.

MOORE'S KING ASTERS

This remarkable new Aster will attract the attention of every person acquainted with good Asters. The flowers are large, many 5 inches across, full centred. The plant belongs to the upright class. Stems are long and very free from side shoots. In the field this summer there were any number of plants from which one could have cut six to twelve marketable flowers with stems 14 to 20 inches long. It is an extra good shipping variety, and is sure to win favor among commercial florists.

- 307 Crimson King. Pkt. 15c., trade pkt. 35c., oz. \$2.50.
 272 White. Snow white. Pkt. 15c., trade pkt. 30c., oz. \$1.50.
 273 Rose. Brilliant color. Pkt. 15c., trade pkt. 30c., oz. \$1.50.
 274 Lavender. Effective shade. Pkt. 15c., trade pkt. 30c., oz. \$1.50.
 275 Mixed. Upwards of fifteen handsome sorts. Pkt. 15c., trade pkt. 30c., oz. \$1.50.

One pkt. each number. 40c.



White King Aster

SUPERIOR TO ALL OTHERS

I must praise your Asters, have been growing them for five years, the flowers are magnificent and your varieties superior to all others.

JOHN B. SEIPEL, Florist,
 Bakersville, N. J.

BROWALLIA

(Amethyst)

Handsome annuals, with blue and white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter if sown in August. 1 ft.

371 *Speciosa Major*. A beautiful new large-flowering variety of the most brilliant ultramarine blue, especially valuable as a pot plant for winter and early spring flowering. Excellent florist's flower. (See cut.) Pkt. 15c., 2 pkts. 25c.

372 *Mixed Colors*. Pkt. 5c., ½ oz. 25c.



Browallia Speciosa Major

BEGONIA

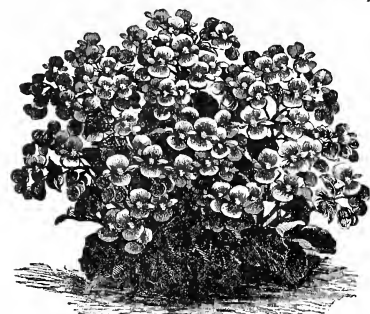
(Tuberous)

(Rooted)

Bloom the first season from seed, fine for the conservatory or greenhouse.

340 *Double*. Frilled, prize mixed. Very large flowers; unsurpassed quality. Pkt. 25c.

341 *Bugnet's*. Single. Frilled, prize mixed. An unrivaled strain of



Gracilis Magnifica

curiously formed flowers saved from selected flowers of the largest and most brilliant colors only. Pkt. 15c.

BEGONIA (Everblooming)

342 *Schmidt's*. Beautiful rosy carmine, fine bloomer; fine for pots or open ground. Pkt. 25c.

343 *Vernon Grandiflora*. Dwarf. Large bright orange carmine flowers. Pkt. 15c., 2 pkts. 25c.

344 *Gracilis Magnifica*. This splendid new variety is of a very sturdy, even habit. The plant grows about 10 inches high and forms a freely branching bush about 10 or 12 inches across. Its great characteristic feature consists in its uncommonly large flowers, which measure about 1-1½ inches across, and of a limpid rose shading to a beautiful carmine toward the centre, a color of exquisite beauty. The flowers are borne on strong, short stalks, and appear extremely early, and make a very free and continuous display above the fresh green. In freedom of bloom it excels the well-known B. G. de Lorraine. It is a superb plant for bedding and pot culture, and will most certainly become a great favorite with all florists. Grows readily from seed. A grand winter bloomer. Pkt. 25c., 3 pkts. 60 cts.

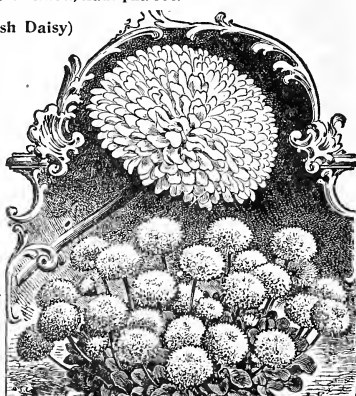
345 *Rex Hybrids*. Pkt. 25c., trade pkt. 50c.

BELLIS (English Daisy)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest first-quality large double flowers only. Daisies can be easily raised from seed sown in the spring.

800 *Giant Red*. Flowers densely double and unusually large, glowing red, shaded rose, on long stiff stems. Very effective. Pkt. 15c., 2 pkts. 25c.

801 *Giant Snowflake*. Unusually large double, pure white. A grand flower. Pkt. 15c.



Daisy—Giant Snowflake

BELLIS (English Daisy)—Continued

802 *Giant Double Quilled*. Mixed colors. Very large flower. The petals are as round as knitting-needles. Pkt. 25c.

803 *Giant Double Mixed*. Very large densely double flowers. Very fine varieties. Extra quality. Pkt. 25c.

804 *Double Mixed*. Extra quality large flowers. Pkt. 10c., ½ oz. 50c.

CACALIA (Flora's Paint Brush or Tassel Flower)

385 *Mixed*. Golden yellow and flaming scarlet. Tassel-shaped flowers; blooms from June to September; a neat annual plant for borders; 1½ ft. Pkt. 5c., trade pkt. 10c., ½ oz. 25c.

CALCEOLARIA

An ornamental plant, producing a mass of beautiful pocket-like flowers; a universal favorite for decorating the greenhouse or conservatory. Our strains can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring.

400 *Hybrida Grandiflora Fumita Compacta*. 1 ft. Pkt. 35c.

405 *Imperial Robusta Grandiflora*. Large brilliant self-colored and beautifully marked tigered flowers, mixed. Finest class for florists or exhibition purposes; an unrivaled strain. Pkt. 50c.

408 *Rugosa Golden King*. New, large rich golden yellow flowers, produced in wonderful profusion. Quite hardy. 12 in. Pkt. 50c.

410 *Rugosa*, mixed. Self-colored, spotted and striped flowers. Our seed is saved from a wonderfully fine collection; 1 ft. Pkt. 50c.

CALENDULA

Remarkably profuse, dwarf, bushy annuals, blooming continuously and of easy culture; indispensable for summer garden or for pot culture.

500 *Gorgeous*.

This new sort must now take the lead, as its flowers are about twice as large as any other (often 4 inches across), and perfectly double to the centre. The plant is also very dwarf in habit and produces its enormous blooms of brilliant orange red very freely, thus making it doubly valuable as a pot plant, and it is really one of the most satisfactory; 1 ft. (See cut.) Pkt. 10c., ½ oz. 25c.

501 *Metis*. Deep golden, striped; 1 ft. Pkt. 5c., oz. 25c.

502 *Admiration*. Shining gold, large grand double flower. Pkt. 5c., ½ oz. 15c.

504 *Royal Double*. Bright yellow, black centre, fine variety, entirely distinct and very showy. Pkt. 10c., ½ oz. 15c.

505 *M. & S. Superb*, mixed. Composed of the above and many other beautiful sorts; 1 ft. Pkt. 5c., oz. 25c.

Calendula Gorgeous

CAMPANULA

(Canterbury Bells)

Well known, beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive bellflowers; thriving best in light, rich soil; some varieties flower the first season if planted early.

520 *Persiciflora Grandiflora Hybrids*.

(Peach Bells).

(New). Probably the finest of all the Campanulas. Handsome large spikes of large flowers, including white, blue, mauve, purple and pleasing shades in single, double and semi-double flowers. Very effective. 2 to 3 feet. Pkt. 15c., 2 pkts. 25c., ½ oz. 50c.

522 *Calycanthemes*, mixed. (Cup and

Saucer Canterbury Bells). The finest

variety of Campanula.



Campanula, Media—Single

ula. Charming white, lilac, rose and blue colors; 2 ft. Pkt. 10c., ½ oz. 50c.

523 *Media, single, mixed* (Canterbury Bell). Many fine varieties (See cut.) 2½ ft. Pkt. 5c., ½ oz. 25c.

524 *Media double, mixed* (Canterbury Bell). Including many choice varieties. 2½ ft. Pkt. 5c., trade pkt. 10c.

CANARY BIRD VINE

530 *Tropeolum Canariensis*. Charming yellow flowers with ornamental foliage. A good winter bloomer in the greenhouse. It is one of the most beautiful of all outdoor climbers. 10 ft. (See cut.) Pkt. 5c., oz. 30c.

CANNA

(Indian Shot Plant)

Highly ornamental plants, producing a rich effect by their large, broad and massive foliage, and spikes of brilliant flowers. Soak the seeds 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

552 **Large-Flowered Dwarf French**. Finest novelties mixed. Saved from the newest stock only. Pkt. 10c., oz. 25c.



Canary Bird Vine

THE CARDINAL CLIMBER

722 *Ipomoea Quamoclit Hybrida*. We consider it the most beautiful, brilliant and distinct annual climber introduced in many years. It is the result of a cross between *Ipomoea Quamoclit*, the Cypress Vine and *Ipomoea Cocinea*, or Star Glory. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, deeply lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. We feel sure that it will become one of the good annual climbers of the future. Like other *Ipomoeas* it delights in a warm, sunny situation and good soil. Pkt. 20c., 3 pkts. 50c.

CALLIOPSIS

These beautiful "Bright Eyes" are showy summer bedding annuals, with large bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine cutting.

610 **Japanica**. Very large flowers averaging four inches across, of a bright golden yellow, produced in great profusion, for a long pe iod, fine for cutting, hardy, perennial; flower first year; 2½ ft. Pkt. 10c., trade pkt. 25c.

611 **Pure Gold**. Very large handsome yellow; annual; 1 ft. Pkt. 5c., trade pkt. 15c.

512 **Queen of Cambodia Hybrids**, mixed. Very showy, brilliant yellow, brown velvety crimson, blotched and striped sorts, excellent for borders, bloom of long duration, thrive anywhere, should be in every garden; this class embraces about twenty beautiful annual sorts; 1 to 2 ft. Pkt. 5c., oz. 30c.

CANDYTUFF
An old favorite, flowering profusely throughout the whole season; great favorites for beds, edgings, pots and borders; the plants are very fairly covered with blossoms, and of the easiest culture; 1 ft.

ANNUAL VARIETIES

540 **Giant White Perfection**. Producing large, white trusses of branching habit, and very free blooming; the finest annual sort for summer cutting (see cut). Pkt. 10c., large pkt. 30c., oz. 75c.

541 **White Fragrant**. Calliopsis or Coreopsis. Very sweet scented. Pkt. 5c., oz. 25c.

542 **Gem Hybrids**, mixed. A new type candytuff, forming dense, bushy, pyramidal plants, which form a mass of large, showy flowers, lasting a long time. We consider it the most desirable Candytuff in cultivation and are sure that all who grow it will be delighted with its chaste beauty. The very best sort for pot culture or bedding; white, pink, crimson and lilac, mixed; 6 in. Pkt. 10c., large pkt. 30c.

543 **Empress**. White. Pkt. 5c., oz. 30c.

544 **Lavender**. Delicate shade. Pkt. 5c., oz. 35c.

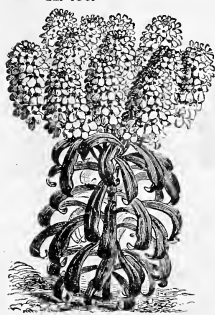
545 **Carmine**. Brilliant. Pkt. 5c., oz. 40c.

546 **Mixed**. Crimson, purple, white, carmine and rose; fine, early-blooming border plants. Pkt. 5c., oz. 30c.

PERENNIAL VARIETIES

547 **Lagasee**. Produces immense heads of pure white, perfect flowers; a grand florist's flower. Pkt. 15c.

548 **Silver Plum**. Pure white; blooms abundantly the entire summer excellent florist's flower; perennial. Pkt. 10c.



Candytuff—Giant White Perfection

HARDY CARNATIONS

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable both for greenhouse culture in winter and for the garden in summer.

Carnations are most popular with the amateur, as they begin flowering in a few weeks from the time of sowing. The strains offered are of extra quality, producing on long, strong stems an abundance of large, double beautifully fringed, highly scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.



Sutton's Giant Flowering Picotee and Bizarre Carnations

560 **Sutton's Giant Flowering Picotee and Bizarres**. A wonderfully improved strain, both in size of flower and doubleness. The flowers measure three inches across and are deliciously fragrant. The variety of color is also much greater in this strain than any other. There are white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon and many beautifully variegated flowers. There are picotee-edged, spotted, striped, tinted, etc., etc. They are abundant bloomers; if sown early in the greenhouse or hot beds, they commence flowering in early summer and continue to bloom until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter. Seed may be sown during the summer for the best winter flowering plants. Pkt. 25c., 3 pkts. 50c.

561 **Giant Marguerite, Scarlet**. Pkt. 10c.
562 " **Mixed**. All colors. Pkt. 5c., ½ oz. 40c.
563 " **Exhibition, Mixed**. All colors. Pkt. 50c., 3 pkts. \$1.00.
564 " **Marguerite, White**. Pkt. 10c.
565 " **Rose**. Pkt. 10c.
566 " **Yellow**. Pkt. 10c.
567 **Fine Double Dwarf German**. A good strain for outdoor culture. Extra fine varieties. Pkt. 10c., ½ oz. 50c.

Castor Oil Plant

(See Ricinus)

CELOSIA CRISTATA (Crested Cockscomb)

Very popular annuals of the easiest culture, producing large, ornamental, comb-like heads. Not only are they highly prized for summer flower beds, but they make fine pot plants.

580 **Queen of the Dwarfs**. This we consider the finest of the dwarf-growing Cockscombs. The plant grows only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. Pkt. 10c., ¼ oz. 50c.

581 **Empress**. Beautiful rich crimson, ruffled combs of colossal size; 2 ft. Pkt. 10c., ¼ oz. 50c.

582 **Glasgow Prize**. Fine dwarf, crimson; 1 ft. Pkt. 10c., ¼ oz. 50c.

583 **Dwarf**. Twelve beautiful varieties in mixture; 1 ft. Pkt. 5c., ¼ oz. 50c.

584 **French Striped**. Variegated with crimson, violet, orange, green-striped, etc., of the most brilliant hues; 3 ft. Pkt. 10c.

CELOSIA PLUMOSA

(Feathered or Ostrich Plum Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

587 **Thompson's Magnifica Nana**. (Dwarf Ostrich Plum.) We offer hereunder golden yellow, chamois pink and blood red, in mixture, which, after long and careful selection, have proved sufficiently constant, which will be doubtless much appreciated. All of these varieties have a dwarf and compact growth, and the flower-bushes sparkle in that metallic sheen, which bestows to these Celosias the surname "Magnifica." Owing to these good qualities and easy culture, they are readily valuable as pot-plants "par excellence" as well as border plants. Pkt. 15c., 2 pkts. 25c., ½ oz. 50c.

589 **Ostrich Feather, Mixed**. A distinct type of Celosia Plumosa. The plants of pyramidal growth attain a height of two to three feet, and are literally clothed from base to summit with immense feathered heads, that closely resemble ostrich plumes, the effect of which is most striking and unique, attracting attention wherever displayed. Especially suited for pot culture, the profusion of long continued bloom being remarkable. The colors are blood-red, carmine, yellow, golden, orange-scarlet and wine-red which we offer as mixed colors. Pkt. 10c., 3 pkts. 25c., ½ oz. 50c.

Please Order Flower Seeds by Number

CENTAUREAS

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

CORNFLOWERS (Centaurea Cyanus)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, Kaiser Bloom, and sometimes as Ragged Robin. A bunch of the blue sorts, with a few yellow Calliopis Marigolds, Calendulas or California Poppies, makes a very rich combination.

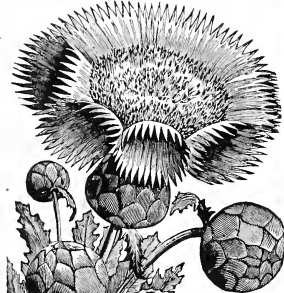
- 601 Cyanus. Large, pure white. Pkt. 5c., oz. 30c.
 602 " Bright pink. Pkt. 5c., oz. 30c.
 603 " Mixed. Pkt. 5c., oz. 25c.
 604 " Double Blue. Handsome, large, rich, sky blue flowers. Pkt. 10c., ½ oz. 25c.
 605 Cyanus Double Mixed. Pkt. 5c., oz. 30c.

IMPERIAL SWEET SULTAN

Centaurea Imperialis

These are grand improvements, producing long-stemmed blossoms 3 to 4 inches across, of graceful, airy effect, and delightfully fragrant. For bouquets, vases, etc., they are of exceptional value. If cut scarcely opened they will last ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

- 602 Giant Satiny White. Pkt. 10c.
 603 Giant Pale Blue. Pkt. 10c.
 604 Giant Brilliant Rose. Pkt. 10c.
 605 Giant Mauve. Pkt. 10c.
 606 Deep Lavender. Pkt. 10c.
 607 Golden Yellow. Pkt. 10c.
 608 Collection. One pkt. each 6 colors 40c.
 609 Superb Mixed. Pkt. 5c., ½ oz. 20c.



Imperial Sweet Sultan

CENTAUREA

("White-Leaved" Dusty Miller)

- Fine for bedding vases, hanging baskets and pots; extensively used for margins. Sow seed from December to April. Half hardy perennials.
 590 Candidissima. Broad cut foliage; 1 ft. Pkt. 10c., 500 seeds 25c., 1,000 seeds 50c.
 591 Gymnocarpa. Fine cut foliage; 1½ ft. Pkt. 10c., 1,000 seeds 30c.

CHRYSANTHEMUM—Annual Varieties



- Chrysanthemum, Giant White, "Spring Marguerite" 626
 Mixed. (Painted Daisies.) Many beautiful sorts. Pkt. 5c., oz. 30c.
 627 Giant White, "Spring Marguerite." Beautiful, large, white, single, flowers with black centre, excellent for cutting. Blooms early in May, earlier than Shasta Daisy. Height, about three feet; producing magnificent, large, pure white, graceful flowers about 3½ inches across, on long, stiff stems in enormous masses. Pkt. 15c., 2 pkts. 25c.

- 620 Frutescens Comtesse. (White Paris Daisy.) Pkt. 10c.
 622 Inodorum Plenisimum. (Bridal Robe.) Double white, splendid for summer cutting and greenhouse culture. Pkt. 10c.
 623 Maximum. New; large double yellow; excellent; 1 ft. Pkt. 10c.
 624 Eclipse. Golden yellow, scarlet and brown; extra; 1 ft. Pkt. 5c.
 625 Evening Star. (Sagittum Helios.) New, large, golden yellow, ray-like flowers. Annual. Pkt. 10c.

CHRYSANTHEMUMS—Continued

- 628 Giant Yellow. (Yellow Moon-Penny Daisy.) This is an exact counterpart of our Giant White Spring Marguerite except the color. Pkt. 10c.
 629 Chinese and Japanese (Royal Gems.) A u n d u m blooming. This seed has been saved from a large flowering, magnificent, imperial collection; will bloom first year if sown early; suitable for greenhouse or open ground culture (see cut). Pkt. 15c., 2 pkts. 25c.

CLARKIA

An old favorite, hardy, annual plant, growing in any garden soil, and producing freely its cheerful flowers in great profusion the entire season; do well in either sun or shade; 1½ ft.

- 630 Single and Double Mixed. Very brilliant colors only. Our mixture embraces over 40 varieties. Pkt. 5c., ¼ oz. 25c.

CLEMATIS (Japanese Virgin's Bower)

Haythorne-scented blossoms; a grand plant for piazzas, fences, in fact, any position where a climber is wanted. It is just the thing for covering terraces or embankments; does equally well in sunshine or shadow, and stands unrivaled as a plant for the cemetery.

- 630 Paniculata. Hardy, perennial climbers; 25 ft. Pkt. 10c.
 631 Jackman's Flowering Hybrid. 15 ft. Pkt. 20c.

665 Cleome Pungens.

(Giant Spider Plant.) A robust plant, growing vigorously 4 to 5 feet high, unaffected by wind or weather, and flowering profusely for months. The flowers are very showy, with long, slender stamens, single petals measuring an inch across, and of a bright rose color. The long, slender pods are carried upon still longer stipules, giving the effect of a many-legged spider, with the bright bunch of flowers as the head. It grows freely from seed, thrives luxuriantly, and blooms all summer. It is also one of the very best honey-producing plants. Pkt. 10c., ½ oz. 25c.



THE GIANT SPIDER PLANT

COTTON

- 711 Gossypium. The cotton plant is always interesting, particularly to the young people of the North. The large yellow Hibiscus-like flowers are followed by pointed pods, which on coming to maturity burst and display a profusion of white down which forms the cotton of commerce. In the North, if the seeds are started early in a hot-bed or in the house, the plants will produce mature pods before frost. Pkt. 10c., oz. 30c.



Cowslips

ROYAL ENGLISH COWSLIPS

- 712 Mixed. Hardy; one of the most beautiful early-blooming spring flowers; fine for beds or pots, producing large numbers of magnificent flowers of intense brilliancy of color and great variety of marking, borne on stalks about 3 inches high. Many of the blooms are 1 inch across, of shades of crimson, maroon, lilac, pink, white, yellow, etc. Pkt. 10c., 3 pkts. 25c.

CINERARIA (Moore's Superb Brilliant Prize Strain)

Our strain of Cineraria seed is unsurpassed for beautiful variety, richness of color, as well as perfection of form and large size of flower. They are unequalled for profusion of bloom, size of flower and general excellence. Blooms $\frac{3}{4}$ inches in diameter are not uncommon. This strain of Cinerarias is distinct and superior in every point of merit to that offered by any other house.



Cineraria, Brilliant Prize Strain

- 630 Giant-Flowered, brilliant prize, tall, mixed. Very rich, varied colors. 20 inches. Pkt. 50c., large pkt. \$1.00.
 631 Giant-Flowered, brilliant prize, half dwarf, mixed. Exquisite exhibition varieties. About 1 foot. Pkt. 50c., large pkt. \$1.00.
 632 Giant Snowflake. Lovely pure white, free bloomer. Pkt. 35c., large pkt. \$1.00.
 633 Giant China Blue. Delightful pale shades, remarkably free bloomer. Pkt. 35c., large pkt. \$1.00.
 634 Giant Vivid Scarlet. Very effective. Pkt. 50c., large pkt. \$1.00.
 635 Thousand Flowered. Half Dwarf, very desirable novelty. Superb rich colors. Pkt. 25c., large pkt. 50c.
 637 Double Mixed. All the rich and beautiful colors of the single exist in this variety; 2 ft. Pkt. 35c., large pkt. 60c.
 638 Polyantha Stellata. (Star Cineraria.) Best colors, and very delicate pink and blue shades. As a graceful pot plant for conservatory and house or church decoration, or for furnishing large vases with lasting cut flowers of elegant lightness, we know of no subject to surpass our Cineraria Polyantha Stellata. Pkt. 35c., large pkt. \$1.00.
 639 Collection. One pkt. each six classes \$2.50.

CINERARIA (White Cut-Leaved Sorts)

- 640 Maritima White Gem. Producing beautiful brilliant silver white foliage of very compact habit. A charming plant for edgings or baskets. Pkt. 10c., trade pkt. 25c., oz. 80c.

COBÆA

Elegant, rapid-growing climbers, attaining a height of 20 to 30 feet.

- 650 Scandens Blue. Pkt. 10c., $\frac{1}{4}$ oz. 25c.
 681 "San Salvador" Cobæa. (Cobæa Macrostemma.) The foliage is of bright, vivid green, and the flowers strikingly effective, with long stamens. Although a perennial when used as a greenhouse climber, can be treated as an annual for the garden in summer (see cut). Pkt. 15c., two pkts. 25c.

COCCINEA**Scarlet-Fruited Ivy-Leaved Climber**

- 701 India. A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful, smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers and brilliant carmine fruit; 10 ft. Pkt. 10c.



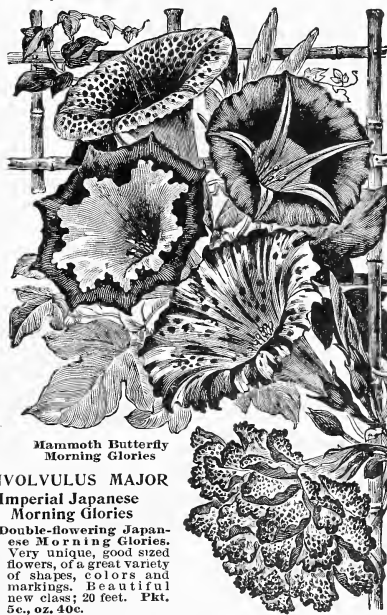
Cobæa Macrostemma

COLEUS

- 700 Finest French Hybrids. (Ornatus.) Splendid large-leaved variety, with strikingly handsome foliage, which is irregularly spotted and marbled with blackish purple, blood-red, carmine and rose, and sprinkled with white, yellow, green and brown. Pkt. 15c., 2 pkts. 25c.



Hybrid Coleus



Mammoth Butterfly Morning Glories

CONVOLVULUS MAJOR Imperial Japanese Morning Glories

- 720 Double-flowering Japanese Morning Glories. Very unique, good sized flowers, of a great variety of shapes, colors and markings. A beautiful new class! 20 feet. Pkt. 5c., oz. 40c.
 721 Mammoth Butterfly, Japanese and Chinese. Comprising 40 brilliant colored sorts; they are exceedingly vigorous in growth, decorative in foliage, which is of various shades of green and silvery lustre, frequently variegated, while the flowers are nearly always of immense size, frequently six inches across; entirely new colors, such as ashy grays, slate color, bronzy reds, browns, shades of sea green, blues bordered with red, purples marbled with black, whites spotted with blue, flamed, streaked, marbled, fringed edges and all of incomparable beauty. The double-flowering sorts are really superb and can hardly be described; 20 feet (see cut). Pkt. 10c.

Climbing Morning Glory

- A fine, hardy and rapid grower, which always gives great satisfaction. They bloom early in the morning, and during the forenoon are brilliant with scores of beautiful flowers of various colors; 15 feet.
 723 Variegated Leaf Morning Glory. Foliage beautifully striped and variegated; flowers of various colors. Pkt. 5c., oz. 25c.
 724 Fine Mixed. Twenty-five fine varieties. Pkt. 5c., oz. 15c.

CONVOLVULUS MINOR Dwarf Morning Glory

They do not climb but form bushy plants, which are a perfect mass of flowers. Handsome for baskets or borders, producing a very brilliant effect; 1 ft.

- 730 Tricolor Rousens. Rose, white centre, margined purple, striped with rich yellow bands. Pkt. 5c., oz. 25c.
 732 Tricolor, finest mixed. Fifteen finest sorts. Pkt. 5c., oz. 15c.
 735 Mauritanius. Fine trailer; blue, striped white; 2 ft. Pkt. 10c.

COREOPSIS

- 737 Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed flowering the first year if sown early. Pkt. 10c., $\frac{1}{4}$ oz. 25c.

GIANT COSMOS

The Glory of the Autumn Garden

Beautiful autumn-blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations, when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started undercover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere.

739 **Lady Lennox.** New delicate pink, large flowers. Pkt. 10c., 1/2 oz. 25c.
740 **Striped.** (New.) White and pink. Pkt. 10c., 1/2 oz. 30c.

Giant Flowering Cosmos

- 741 **Pearl.** (White Lady Lennox.) A new beautiful white. Pkt. 10c., 1/2 oz. 25c.
742 **Giant Purple.** Grand flower. Pkt. 10c., 1/2 oz. 30c.
743 **Sanguineus.** Beautiful deep red. Pkt. 10c., 1/2 oz. 25c.
745 **Superb Mixed Hybrids.** Pkt. 10c., 1/2 oz. 50c., oz. \$1.00.
746 **Five Mixed.** Large flower. Pkt. 5c., 1/2 oz. 30c.
1 pkt. each 6 colors 45c.

NEW LARGE EARLY-FLOWERING COSMOS

Unfortunately, large-flowering Cosmos do not bloom until late in the season. This new early-flowering German strain begins blooming scatteringly in June, the quantity increasing gradually until July and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are dwarfer than the late-flowering Cosmos offered above, forming compact bushes only 4 feet high. This new German large-flowering Cosmos is so superior to the older early-flowering strains that we have discarded the latter.

- C-A **Extra Early White.** Pkt. 10c.
C-B " " **Shell Pink.** Pkt. 10c.
C-C " " **Crimson.** Pkt. 10c.
C-D " " **Striped.** Pkt. 10c.
C-E " " **Mixed.** Pkt. 10c., 1/2 oz. 25c.
C-F **Collection.** One pkt. each 4 named sorts 30c.

CUPHEA—Cigar Plant

- 750 **Platycentra.** An old and favorite plant for the summer flower garden; useful also for baskets, vases, etc.; bearing innumerable vermilion tube-shaped flowers, tipped white. Easily raised from seed, which should be sown in early spring in greenhouse, hotbed or window. Pkt. 10c., 3 pkts. 25c.
761 **Stringulosa.** Beautiful orange; showy; 1 ft. Pkt. 15c., 2 pkts. 25c.

CYCLANTHERA EXPLODENS

- 755 A climbing annual of the gourd species, free-growing, handsome foliage; an oval-shaped fruit, exploding loudly when ripe; 10 ft. Pkt. 5c.

CYPRESS VINE

IPOMEE QUAMOCILIT

- One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers; annual; 15 ft.
780 **Crimson.** Pkt. 5c., oz. 25c.
781 **White.** Pkt. 5c., oz. 25c.
782 **Mixed.** Pkt. 5c., trade pkt. 10c., oz. 25c.
783 **Quamocilit Hybrid.** (The Cardinal Climber). Pkt. 25c.

CYPERUS ALTERNIFOLIUS

- 785 **The Umbrella Palm** is one of the very easiest culture, if given plenty of water. Indeed it will grow in a bowl, dish or vase partly filled with soil or water. From the centre of the umbrella-like leaves appear small flowers (see cut). Pkt. 10c.

DATURA

(TRUMPET FLOWER)

The Datura is a very interesting plant; branches freely, producing large trumpet-shaped flowers a foot or more in length. Sow seed in the open ground, or start early in pots and transplant; will bloom until frost; annual.

- 810 **Cornucopia** (Horn of Plenty). A magnificent variety; stems dark purplish maroon. The flowers average 6 inches across the mouth, the interiors being glistening French White, with purple exteriors. Delightfully fragrant (see cut). Pkt. 10c., large pkt. 30c.



Datura Cornucopia



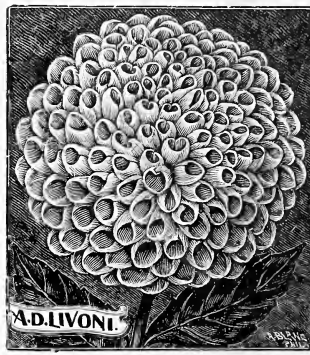
Cyperus Alternifolius

DATURA—Continued

- 811 **Fastuosa Double Hybrids, Mixed.** Charming colors and varieties, making handsome plants, highly fragrant; 3 ft. Pkt. 5c., large pkt. 15c.



Delphinium



Dahlia Tom Thumb

DAHLIAS

Many people are not aware that dahlias from seed sown in the spring will bloom beautifully the first summer, and give quite as good, if not better satisfaction than bulbs. From one or two papers of seeds many plants can be raised, which will be of the greatest variety of colors and mostly perfectly double, fully equal to many of the finest named sorts. Our dahlia seed has proved so good and satisfactory that the demand for it is simply enormous.

- 790 **Large Orchid Flowered.** Extra double mixed. Saved from the largest and handsomest colored sorts only; 6 ft. Pkt. 15c., 2 pkts. 25c.
791 **Tom Thumb.** Extra double. Bouquet or Liliputian, seed saved from brightest colors only; bloom first year if sown in March. Very fine; 2 ft. Pkt. 10c.
792 **California Giants.** Single mixed. Composed of the rarest and brilliant colors only; 3 ft. Pkt. 5c., 1/2 oz. 50c.
793 **Moore's Superb Mixed.** Comprising all the above and about 50 other rare and interesting sorts. Pkt. 15c., 2 pkts. 25c.

DELPHINIUM (Larkspur)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed.

- 821 **Formosum.** Coelestinum. Exquisite celestial blue, white centre; 2 1/2 ft. Pkt. 10c., 1/2 oz. 50c.
822 **French Large Flowered.** Double. Brilliant and charming; 1 1/2 ft. Pkt. 15c., 1/2 oz. 50c.
823 **Moore's Giant Rocket, Mixed.** A much improved type, the flowers being larger than the old varieties; very double, and the colors very beautiful, comprising white, red, violet, indigo, etc. This splendid class grows to 3 feet high, and bears long spikes of flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long continued bloom, keeping up a bright display until cut down by the frost (see cut). Pkt. 5c., 1/2 oz. 50c.

DIGITALIS (Fox Glove)

These, the well-known Fox Gloves, are one of the finest June flowers. Spikes of bloom 2 feet long are produced in abundance and are very fine; perennial.

- 861 **Gloxiniiflora Mixed.** Beautiful gloxinia, spotted white, purple, rose, and yellow flowers, all extra fine large sorts; 3 ft. Pkt. 5c., 1/2 oz. 25c.

Moore's Giant Perfection Cyclamen

Moore's Giant is a magnificent strain of cyclamen with flowers of extraordinary size and substance, and have gained a national reputation of the highest merit. The leaves are of proportionate size and beautifully marked with gray.

Sow at any time (spring and autumn to be preferred) in pots or pans in peaty loam and sand, covering the soil scarcely a quarter of an inch, place on warm shelf near the glass in greenhouse, keeping the soil moist but well drained. The seed takes from four to eight weeks to germinate. When the bulbs are the size of a pea transplant singly into small pots, transferring to larger pots as the plants develop. An average of 60 is the temperature best suited for producing well-developed flowers, and good ventilation without draught is a safeguard from disease.



Victoria Marginatum Cyclamen

756 **Giant White Swan.** The most profuse blooming white Cyclamen in cultivation; a grand thing. Pkt. 50c., 100 seeds \$1.50.
757 **Giant Crimson Queen.** A bold, well-formed flower. Pkt. 50c., 100 seeds \$1.00.

758 **Giant Queen Margaritae.** These giant blooms are a snowy white with a silky lilac eye, of a lovely and delicate hue. A highly beautiful and attractive combination of color. Pkt. 50c., 100 seeds \$1.75.
759 **Giant Daybreak Rose.** Exquisite, soft, rosy pink with dark claret base, splendid trusses of bloom. Pkt. 50c., 100 seeds \$2.00.

760 **Giant Salmon Pink.** A beautiful, large, salmon red flower of compact habit and robust growth. Pkt. 50c., 100 seeds \$2.00.

761 **Giant Victoria Marginatum.** Pronounced the most remarkable Cyclamen extant; of vigorous growth and a wonderful free bloomer and of most commanding appearance. Pkt. 50c., 100 seeds \$3.00.

762 **Giant Sunray.** (Picturatus). New, very large flowers, free bloomer. Beautiful dark lavender rose with blood red eye. Extra. Pkt. 50c., 100 seeds \$2.00.

763 **Giant Rose Pink.** Finely shaped. Pkt. 35c., 100 seeds \$1.50.

764 **Giant Kermesina Compactum.** Deep cherry color. Handsome and distinct. Pkt. 35c., 100 seeds \$1.50.

765 **Giant Ivory Moon.** Clear, satin white petals with dark claret base. Pkt. 35c., 100 seeds \$1.50.

766 **Giant Salmon Scarlet.** A gorgeously colored variety resembling the Grenada Carnation. Pkt. 50c., 100 seeds \$2.00.

767 **Giant Queen Alexander.** A fine rosy lilac color; great bloomer. Pkt. 35c., 100 seeds \$1.50.

768 **Giant Lemanita.** Fine Mixed. The Lemanita Cyclamen ranks among the most interesting and remarkable novelties of the year. In color they are partly pure white, white with clear red eye, clear red, and many other beautiful tints. Flowers are produced on stout, erect stems of good substance, with the stamens and pistils pointing upward and are of abundant and luxurious growth. No cyclamen grower can afford to be without this wonderfully handsome and valuable novelty. Pkt. 75c., large pkt. \$1.50.

769 **Giant Crested.** A very handsome, pretty type, contrasting conspicuously when mingled with a collection of other classes. Flowers are very lasting. White, rose, salmon and oclated mixed. Pkt. 50c., 100 seeds \$2.00.

770 **Giant Butterfly.** Truly charming, one of the most striking among florists' flowers. Colors are surprisingly varied and beautiful—the beauty of the variegations in color is truly captivating. Blossoms are singularly conspicuous, beautifully fringed and are produced on long, slender stalks and are most excellent for high-class bouquets, while the entire plant makes a magnificent table decoration. Flowers of spotless purity, great substance, excellent form, and freely produced. Foliage elegantly marked. Only the best colors in our mixture and will prove of intense interest to all cyclamen lovers. Pkt. 50c., 100 seeds \$2.00.

771 **Mrs. Buckston.** This type has beautifully frilled petals of truly giant size, of a handsome, rich, delicate salmon color. Fine grower and wonderfully free bloomer. A grand acquisition. Pkt. 50c., large pkt. \$1.00.

772 **Collection.** One pkt. each of the above 16 numbers \$6.00, any 6 50c. pkts. for \$3.25.

773 **Moore's Giant Price Mixed.** Including all of the above 15 numbers and many highly interesting intermediate shades. A most exquisite mixture. Pkt. 50c., 100 seeds \$3.00.

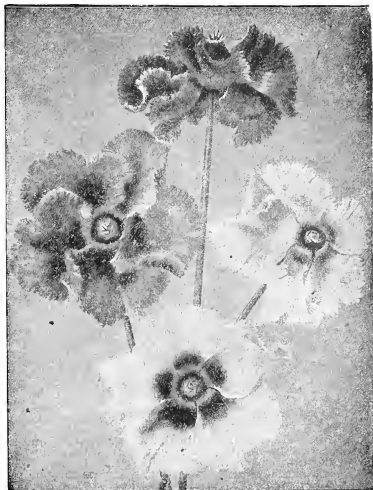
774 **Moore's Giant Large Flowered Mixed.** Including upwards of 12 of the choicest giant flowered named sorts. A grand collection. Pkt. 35c., 100 seeds \$1.00.

Cyclamen Persicum Giganteum

Our seed of this class is saved by one of the foremost English growers.

- A **Giganteum, White, Pure.** Pkt. 25c., 100 seeds \$1.00.
- B " **White with Carmine Eye.** Pkt. 25c., 100 seeds \$1.00.
- C " **Rose.** Pkt. 25c., 100 seeds \$1.00.
- D " **Blood Red.** Pkt. 25c., 100 seeds \$1.00.
- E " **Salmon Pink.** Pkt. 35c., 100 seeds \$1.50.
- F " **Finest Mixed.** Pkt. 35c., 100 seeds \$1.00.

776 **Persicum Finest Mixture, Extra.** Not so large flowers as Giganteum, but easier to grow. Pkt. 15c., 2 pkts. 25c.



Cyclamen Persicum Giant "Lemanita"

Dianthus or Pinks



Dianthus Double White (Snowdrift)

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. They are quite indispensable for table and vase decoration. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

Hardy Perennial Clove Pinks

- 858 **Grass or Spice Pinks.** Dwarf Large Early Flowering. The flowers of this new type are much larger, are borne more profusely on shorter, stiffer stems. In these new Pinks we have a large variety of vivid colors and rich markings; the color, of course, refers to the centre of the flower, the remainder being white or bluish with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, bluish, spotted, laced, variegated, etc., and they commence blooming about two weeks earlier. They are excellent perennial garden plants, about one foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed, and emit a delicious clove-like perfume. Pkt. 20c., 3 pkts. 50c., 1/2 oz. \$1.25.
- 859 **Double White.** (Snowdrift). Fine large flowers, very fragrant. Free and constant bloomer. (See cut). Pkt. 15c., 2 pkts. 25c., trade pkt. 30c.
- 860 **Giant Single Pheasant-eye—Mixed.** A splendid strain which flowers in great profusion, each plant being literally a mass of color. Many of the specimen plants in our grounds measured more than four feet across the sheet of bloom, and were the admiration of numerous visitors. Excellent for cutting; deliciously sweet-scented. Pkt. 10c., 1/2 oz. 50c.

You can select any three 10c. pkts. of flower seed for 25c., or 7 pkts. for 50c.



Dianthus laciniatus Punctatus

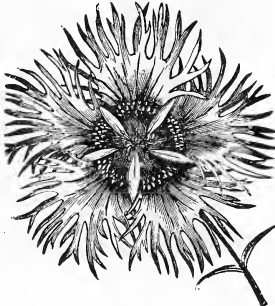
intensely dotted and lined, rather leoparded and tigered, blood red, dark salmon, and whatever the coloration may be, whether light or dark, these markings vary in such a lovely display of shades and colors that scarcely two similar flowers may be found. Excellent for cutting. Pkt. 10c., $\frac{1}{2}$ oz. 30c.

- 832 Queen of Holland. Pearly white. Large flower. Pkt. 5c.
 833 Salmon Queen. Very attractive. Flowers large, elegantly lacinated, a very lovely brilliant shade. Extra. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 834 Vesuvius. Dazzling orange scarlet. Splendid, nicely fringed flowers, very effective. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 835 Brilliant Fringed Mixed. (New French Hybrids.) Intense colors, extra super mixed tall varieties, valuable for cutting, wonderfully effective. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
 836 Collection. 1 pkt. each single varieties 35c.

DIANTHUS (Pinks)

LARGE-FLOWERING DOUBLE ANNUAL VARIETIES

- 840 Heddebergi Diadematus Grandiflora Mixed. (Japanese Royal Pink.) Beautiful large flowers in handsome variety, including all the most brilliant flowering kinds. Very showy. Excellent for cutting. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 841 Laciniatus, Fl. Pl. Mixed. (Double fringed and striped Japan Pink.) Large, showy, various-colored flowers, handsomely fringed and beautifully striped. Pkt. 5c., trade pkt. 25c., oz. 51.75.
 842 Heddebergi, Fl. Pl. Mixed. (Double China Pink.) Pkt. 5c., $\frac{1}{2}$ oz. 15c.
 843 Sutton's Fireball, Vivid scarlet. Pkt. 5c., $\frac{1}{2}$ oz. 30c.
 844 Snowdrift. Finely lacinated, large pure white blooms, from 3 to 4 inches across, free bloomer; superb for masses or cutting. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 845 Dazzling Red. (Double Royal Pink.) Beautifully lacinated, superb orange scarlet. Large flowers, a great favorite. Pkt. 10c., $\frac{1}{2}$ oz. 50c.



Dianthus Marvelous

- 846 Marvelous. Wonderfully fringed. Large flowers in a splendid array of bright colors. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 847 Brilliant Salmon Rose. Charming, finely fringed, large double flowers. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 848 Collection. 1 pkt. each 8 double varieties 50c.

ESCHINOCYSTIS LOBATA (Wild Cucumber)

- 890 This is the quickest growing climber in our list. Grows wild in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or unsightly building (see cut). Pkt. 5c., oz. 25c.



Eschinocystis lobata or Wild Cucumber

DIANTHUS OR PINKS
Single Large-Flowered Annual Pinks

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders. 1 ft.

850 Fairy Queen. Beautiful white flowers with rich salmon centre. A real beauty. Pkt. 10c., $\frac{1}{2}$ oz. 50c.

851 Punctatus Laciniatus. Princess Pinks. The flowers of this novelty show a most charming display of extremely peculiar markings;



Dimorphotheca aurantiaca Hybrida

DRAECAENA (Excellent Vase Plant)

- 870 Lineata. Long, narrow, green foliage with red mid-rib; true. Pkt. 10c.
 872 Australis Rubra. Pkt. 25c.
 873 Indivisa. Green foliage. Pkt. 10c.
 874 Mixed. The above sorts. Pkt. 15c.

ESCHSCHOLTZIA (California Poppy or Gold Cups)

These are very easily grown, as they flourish in any situation, and are very profuse bloomers. The foliage is finely cut and perfectly elegant; annual; 1 ft.

- 910 Californica. Beautiful, large, rich yellow. Pkt. 5c., oz. 30c.
 911 Rose Cardinal. Beautiful, large, carmine flowers. Pkt. 5c., oz. 40c.
 912 Single and Double. Mixed. Many varieties. Handsome colors only. Pkt. 5c., oz. 30c.



Eschscholtzia

ECHINOPS (Globe Thistle)

Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet.

- 942 Ruthenicus. Steel-blue flowers; the best variety for cutting. Pkt. 10c.

ERYNGIUM (Sea Holly)

- 944 Amethystinum. Handsome ornamental hardy plants, growing 2 to 3 feet high, with a fine-cut, silvery foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets. Grows easily from seed. Pkt. 10c.

EUPATORIUM (Thoroughwort)

- 933 Fraseri. Clusters of snow-white, large flowers, blooms first season from seed; excellent for cutting; perennial; $1\frac{1}{2}$ ft. Pkt. 10c., $\frac{1}{2}$ oz. 50c.

EUPHORBIA (Snow on the Mountain)

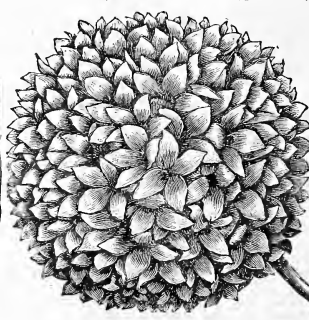
- 940 Variegata. Attractive foliage, with white and green bracts, variegated and margined white; annual; 2 ft. Pkt. 5c., oz. 30c.

FUCHSIA

- 970 Single and Double Hybrids, Mixed. A well known plant of easy culture. Finest single and double sorts only. Pkt. 25c.

GAILLARDIA

Very showy and worthy a place in every garden, though they are as yet little cultivated. They always attract attention by their gay colors; $1\frac{1}{2}$ ft.



Gaillardia picta Lorenziana

GAILLARDIA—Continued

- 430 **Pieta Lorenziana.** Perfection. Very free flowering, extra double, large round heads composed of 30 to 50 flowers; fine shades of orange, claret, ananaruth, sulphur, etc., mixed; annual. Pkt. 5c., 1/2 oz. 25c.
- 431 **Grandiflora Superba.** Splendid single perennial varieties, with very large red and yellow flowers, and dark crimson centres, marked with rings of many brilliant colors; extra quality. Pkt. 10c., 1/2 oz. 25c.
- 432 **Crimson Glow.** Rich, brilliant crimson, valuable for cutting; hardy perennial. Pkt. 10c., 1/2 oz. 25c.

GOURDS (Ornamental)



Fancy Gourds

- 1053 **Hercules' Club.** Club shaped, 4 ft. long. Pkt. 5c., oz. 30c.
- 1054 **Orange Shaped.** Mock Orange. Pkt. 5c., oz. 30c.
- 1055 **Serpent.** Fruit 5 ft. long; true. Pkt. 5c., oz. 30c.
- 1056 **Sugar Trough.** True. Pkt. 5c., oz. 30c.
- 1057 **Sponge, or Dish Rag (Chinese Luffa).** Pkt. 5c., oz. 30c.
- 1058 **African Pipe.** Much used for making pipes. Pkt. 10c., oz. 40c.
- 1059 **Warted.** Dark green fruits, curiously warted. Pkt. 5c., oz. 30c.
- 1059 **Choice Mixed.** Including all of the above; also gooseberry, lemon, apple, onion and pear varieties. Pkt. 5c., oz. 25c.

Collection 10 varieties 40c.

GERANIUM

- 491 **Large-Flowering Single, mixed.** Choicest sorts. Pkt. 10c., trade pkt. 25c.
- 492 **Large-Flowering Double, mixed.** Choicest sorts. Pkt. 50c., 100 seeds \$1.00.

GEUM

- 4000 **Double Mrs. Bradshaw.** Showy, hardy perennial, with brilliant orange scarlet double flowers, borne in clusters on long stems; fine for cutting; 1 1/2 ft. Pkt. 15c., 2 pkts. 25c.

GLOXINIA

- 4020 **Crassifolia Large Flowering Hybrids.** Tigered, spotted and self-colored; finest mixed. Pkt. 25c.



Gloxetia

GODETIA (Satin Flower)

An attractive, hardy annual deserving more extensive cultivation. The plants bloom profusely and bear showy flowers, 3 to 4 inches across, of white, rose, crimson, lilac and spotted; 1 1/2 ft.

1033 **Grandiflora, finest.** mixed. Comprising thirty handsome, large flowered varieties. Pkt. 5c., oz. 30c.

GOMPHRENA

(Bachelor's Button)

- 1040 **Globosa Nana** Compacta, mixed. Globe shaped, everlasting flower; bright, white, rose, purple, red and orange; 1 1/2 ft. Pkt. 5c., 1/2 oz. 15c.

GYP SOPHILA

(Baby's Breath)

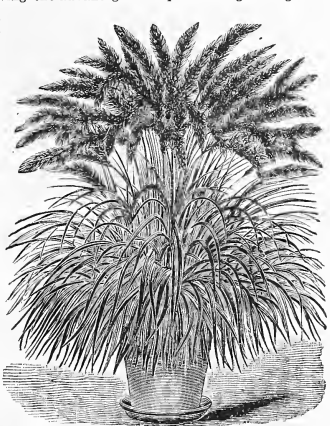
- 1076 **Paniculata.** White flowers, much prized for bouquets; handsome hardy perennials; blooms first year if sown early; 2 1/2 ft. Pkt. 3c., 1/2 oz. 15c.
- 1077 **Elegans Alba Grandiflora.** Large feathery white flowered annual "Baby Breath." Elegant for cutting; free bloomer, 2 feet. Pkt. 5c., oz. 30c.
- 1078 **Elegans Grandiflora Carminea.** New, very effective for decorative purposes. Annual. Pkt. 10c.
- 4079 **Muralis.** An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Pkt. 5c., 1/2 oz. 20c.

GLADIOLUS (Seeds)

- 1004 **Moore's Early Flowering Butterfly.** A splendid new large-flowered race, which blooms the first year and which can be grown as annuals. They show a rich variety of colors and markings. Spikes 20 inches long, with handsome flowers 4 to 5 inches across. If planted March 1st, will commence to bloom July 1st. The second year bulbs grow strongly, producing 2 to 3 flower spikes each. Pkt. 15c., 2 pkts. 25c.

GRASSES (Ornamental)

- 1060 **Agrostis Nebulosa.** Feathery; 1 ft. Pkt. 10c., 1/2 oz. 25c.
- 1061 **Arunda Donax Variegata.** Extremely graceful appearance; fine for clumps; 10 ft. Pkt. 10c., 1/2 oz. 30c.
- 1062 **Avena Sterilis (Alumet Oats).** 2 1/2 ft. Pkt. 5c., 1/2 oz. 20c.
- 1063 **Briza Graecilis and Maxima, mixed (Rattlesnake Grass).** Large racemes of beautiful rattles; 1 ft. Pkt. 5c., 1/2 oz. 20c.
- 1064 **Cox's Lachrymnae (Job's Tears).** 2 ft. Pkt. 5c., oz. 12c.
- 1065 **Erianthus Ravennae Folia Variegata.** 10 ft. Pkt. 10c.
- 1066 **Eulalia Zebrina.** Fine for groups; 6 ft. Pkt. 10c., 1/2 oz. 30c.
- 1067 **Glycerium Argenteum (Pampas Grass).** 8 ft. Pkt. 10c.
- 1068 **Hordeum jubatum (Squirrel Tail Grass).** 3 ft. Pkt. 5c.
- 1069 **Stipa Pennata (Feather Grass).** 2 ft. Pkt. 5c.
- 1070 **Pennisetum Rupeppellianum (Purple Feather Grass).** As pretty as palm. One of the most ornamental decorative grasses ever introduced, as useful for hall or table adornment as many a palm, and having the advantage of rapid and vigorous growth. The graceful, narrow, recurving leaves are produced in succession by hundreds, and are over-topped by elegant feathery plumes a foot long. These plumes or feathers are available for vase decorations or for dry grass bouquets. Seeds should be sown indoors in March, in pots or shallow boxes, and the plants set out when danger of frost is past. The heads will be produced from July until frost, and the whole plant is eventually veiled in a purple cloud. Greatly admired. Pkt. 10c., 3 pkts. 25c., 1/2 oz. 30c.



Pennisetum Rupeppellianum (Purple Feather Grass)

HELICHRYSUM (The Eternal Flower)

Valuable everlasting for winter bouquets. Make a fine display in beds or borders. Hardy annual.

- 1000 **Monstrosum Album.** Large, double white; 1 1/2 ft. Pkt. 10c., 1/2 oz. 35c.
- 1061 **Fireball.** Large, bright red, double; 1 1/2 ft. Pkt. 10c., 1/2 oz. 35c.
- 1062 **Grandiflorum, mixed.** Comprising the brightest colored sorts only; 1 1/2 ft. Pkt. 5c., 1/2 oz. 20c.

Helicrhysum Grandiflorum

GREVILLEA (Silk Oak)

- 1085 **Robusta.** A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time. Pkt. 10c., 1/2 oz. 30c.



Grevillea Robusta

HELIOTROPE (Cherry Pie)



Heliotrope Queen Olga.

- 1100 **Lemoine's Giant.** Sweet scented, new early giant flowering. Mixed. From a famous large collection. 2 feet. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 1101 **White French.** (Regina Jolanda). Magnificent large umbels of pure white flowers, richly perfumed. Early bloomer; 1 ft. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 1102 **Queen Olga.** Very large, rich, dark violet flowers with a clear, lively white eye. Compact, large umbels; 1 ft. Finest blue for pots. Pkt. 25c.

HEUCHERA (Alum Root)

One of the finest hardy perennials. The duration of bloom is remarkable, and especially to be recommended for florists, its graceful flower spikes furnishing splendid material for bouquets.

- 1103 **White and Crimson, mixed.** 2 ft. Pkt. 25c., 3 pkts. 50c.

HIBISCUS (Hardy Marshmallows)

- 1110 **Africanus.** (Swamp Rose Mallow.) Large white with purple eye; fine; $\frac{1}{2}$ ft. Pkt. 5c.
 1111 **Scarlet Gem.** Large dazzling scarlet; 3 ft. Pkt. 10c., 3 pkts. 25c.
 1112 **Giant Yellow.** The flowers attain an enormous size, averaging 7 to 9 inches across; color canary yellow with a garnet throat. Pkt. 10c., 3 pkts. 25c.
 1113 **Mixed.** All the above and other fine sorts. Pkt. 10c., 3 pkts. 25c.

HOLLYHOCK

Chater's unrivaled strain (English Prize), unequalled for large size substance and doubleness of flower. Sown any time before midsummer will produce fine flowering plants the next year; 6 ft.

- 1121 **Double Canary Yellow.** Pkt. 10c., $\frac{1}{2}$ oz. 40c.
 1122 **Double Bright Crimson.** Pkt. 10c., $\frac{1}{2}$ oz. 40c.
 1123 **Double Pure White.** Pkt. 10c., $\frac{1}{2}$ oz. 40c.
 1124 **Double Bright Pink.** (Newport Pink) Pkt. 10c., $\frac{1}{2}$ oz. 40c.
 1125 **Double Bright Purple.** Pkt. 10c., $\frac{1}{2}$ oz. 40c.
 1126 **Double Snowball.** Extra double; large pure white. Pkt. 25c.
 1127 **Giant Fringed Hollyhock, "Allegheny."** The color varies from the palest shrimp pink to deep red. The plants are of majestic growth, sending up spikes 6 to 7 feet high. Coming into bloom in June and lasting until frost. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 1128 **Double Superb, mixed.** Beautiful brilliant colors only. Pkt. 10c., $\frac{1}{2}$ oz. 30c., or \$1.00.
 1140 **Single Hybrid Everblooming, mixed.** Will bloom first season if sown early and planted out in May. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 1141 **Collection.** 1 pkt. each above numbers 65c.

HYACINTH BEAN (Dolichos)

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet.

- 1150 **Daylight.** This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had, by the middle of July, attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green, and not affected by insect pests. Pkt. 10c., $\frac{1}{2}$ oz. 25c.

- 1151 **Darkness.** Identical in every way with the above, except in color, which is a rich purple-violet. Pkt. 10c., $\frac{1}{2}$ oz. 25c.
 1152 **Lablab, Mixed.** Purple and white. Pkt. 5c., or 15c.

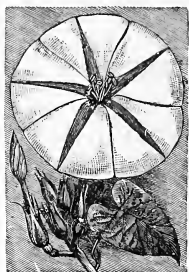


Humulus

HUMULUS (Japanese Hop)

- 1160 **Japonicus Variegatus.** A very ornamental and fast growing climbing plant. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat but retains its bright variegated foliage. Pkt. 10c., $\frac{1}{2}$ oz. 25c.

ICE PLANT (See Mesembryanthemum)



Moon Flower

- water, the vines attain a height of 75 feet. Pkt. 10c., $\frac{1}{2}$ oz. 20c.
 1184 **Chinese Moon Flower.** Large red, white and blue flowers, with variegated foliage. Pkt. 10c., $\frac{1}{2}$ oz. 25c.
 1185 **Mixed Moon Flower.** Many charming varieties. Pkt. 5c., $\frac{1}{2}$ oz. 25c.

IMPATIENS (Zanzibar Balsam)

Most beautiful and useful flowering plant, producing waxy bright flowers almost continually, winter and summer; charming plants for the decoration of the greenhouse or table; tender perennial.
 1170 **Sultana Hybrids.** Brilliant rose, pink and scarlet flowers; 1 ft. Pkt. 15c.

IMPOMEA

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors or stumps of trees, they are invaluable.

- 1183 **Grandiflora Hybrid Moon Flower.** The most rapid growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white fragrant flowers, many of them measuring over 7 inches across. Planted in rich ground, in a sunny situation, and given plenty of

IPOMOPSIS (Standing Cypress)



Ipomopsis

in hue; 2 to 5 ft.

- 1230 **Pictavi Hybrids.** Of dwarf, compact growth, producing massive clusters of flowers of various colors, including white, yellow, lilac, orange and red, etc. Excellent new pot plant; 9 inches. Pkt. 10c.

LATHYRUS (Hardy or Everlasting Pea)

A beautiful, hardy climber, resembling the sweet pea, growing six to eight feet high when trained on trellis; the flowers are borne in large clusters. One of the hardiest and most easily cultivated of plants. Blooms very early.

- 1250 **Latifolius, white pearl.** Large flower. Pkt. 25c.
 1251 **Latifolius, mixed.** White, red, rose and scarlet; 5 feet. Pkt. 5c., or 40c.
 1252 **Pink Beauty.** Very showy. Pkt. 10c.

LAVENDER

- 1265 **Fragrans.** An ornamental hardy perennial, bearing long spikes of fragrant blue flowers; 1 to 2 ft. Pkt. 5c., large pkt. 15c.

LINARIA (Keniworth Ivy)

- 1220 **Linaria Cymbalaria.** A charming, small, neat, hardy perennial, trailing plant, blooming first year; suitable for baskets, vases, pots and rockwork; clings to walls, etc. White and purple, mixed. Pkt. 10c.
 1221 **Moore's Hybrids.** Fine pot plant, culture same as Alyssum. A charming annual, with a rich display of colors, ranging between dark and light violet, crimson, pink and handsome golden yellow; 10 inches. Pkt. 10c., 3 pkts. 25c.

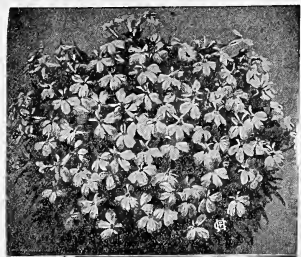
LINUM (Flax)

One of the most effective and showy bedding plants, producing masses of flowers, of long duration, having fine foliage and delicate stems.

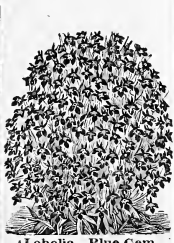
- 1280 **Grandiflorum Rubrum.** (Scarlet Wax). Finest scarlet; annual. Pkt. 5c., or 25c.
 1281 **Grandiflorum Flavum.** Beautiful yellow; perennial. Pkt. 10c., large pkt. 15c.

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. Cardinals is one of the finest native hardy perennials.



Lobelia-White "Pearl"



Lobelia-Blue Gem

LOBELIA (Compact Sorts)

- 1290 Crystal Palace. Dark blue. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 1291 Oculata. Dark stalks; dark blue flowers, with a distinct white eye. Pkt. 15c., 2 pkts. 25c.
 1293 White Pearl. Fine, new, pure white, with large flowers edged blue. Very pretty. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 1294 Tenuior. Of upright habit, about 15 inches high, with very large flowers of rich cobalt blue with white eye. Entirely distinct and splendid for pots or bedding. Pkt. 15c., 2 pkts. 25c.
 1295 Blue Gem. The finest dwarf, compact variety for pots; dark blue with large white eye. A perfect beauty. Pkt. 15c., $\frac{1}{2}$ oz. 50c.
 1296 Erecta Compacta. Very large flowers, of rich cobalt blue with clear white eye. Fine for pots; 12 in. Pkt. 15c., 2 pkts. 25c.
 1297 Mixed. The above sorts only. Pkt. 5c.

TRAILING VARIETIES

Suitable for hanging baskets, vases, etc.; 6 to 10 inches.

- 1302 Erinus Crystal Palace. Dark blue; true. Pkt. 10c.
 1304 Sapphire. The finest trailing Lobelia yet introduced. The flowers are unusually large, about $\frac{1}{2}$ inch across, of the most brilliant deep blue, strikingly marked with a large, pure white eye in the center. Remarkably strong graceful grower and very free bloomer. Pkt. 25c.
 1305 Finest Mixed. Beautiful white, blue and rose sorts. Pkt. 10c.

LOBELIA (Hardy Perennial Varieties)

The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.

- 1310 Cardinalia. ("Cardinal Flower.") Long spikes of intense scarlet flowers; one of the most brilliant plants in cultivation; suitable for all situations. Pkt. 25c., large pkt. 50c.
 1311 Gerardii Hybrids, mixed. Grand new sorts; large flowers in a variety of colors and shades. Pkt. 25c., large pkt. 50c.
 1312 Mixed Hardy Hybrids. Contain many beautiful varieties. Pkt. 10c., large pkt. 30c.

LOPHOSPERMUM

- 1320 Scandens. An exceedingly handsome climber, rosy purple, gloxinia-like flowers. Much used for hanging baskets and vases. 10 ft. Pkt. 10c.



Lobelia-Gerardi

LUPINS (Sun Dials) Annual Sorts

Ornamental, large free-flowering, easy-grown garden plants, with long, graceful spikes of rich and varied-colored pea-shaped flowers; valuable for mixed flower borders and beds. Should be sown where they are to bloom, as they do not transplant well; will bloom in about six weeks from germination. All highly valuable for cutting. 2 ft. (See cut.)

- 1325 Pale Blue. Delicate shade. Pkt. 10c.
 1326 Sapphire Blue. Beautiful shade. Pkt. 10c.
 1327 Pure White. Fine flower. Pkt. 10c.
 1328 Rose. Extra fine, lovely shade. Pkt. 10c.
 1329 Mutabilis. White and soft rose, large spikes; charming. Pkt. 10c.
 1330 Superb, Mixed. Pkt. 5c., oz. 20c.

LUPINS (Hardy Perennial Varieties)

- 1331 Snow Queen. A stately pyramidal plant, covered with long, handsome spikes of pure white flowers; 5 ft. Pkt. 10c.
 1332 Pollyphyllis Hybrids, mixed. Long spikes of delicately scented flowers; colors of pure white, pink, purple and other pretty shades. A great acquisition. 3 ft. Pkt. 5c., oz. 30c.

- 1360 Martynia Fragrans. Fine summer-blooming garden annual plants, with large crimson gloxinia-like flowers, followed by curiously-horned fruits; $\frac{1}{2}$ in. Pkt. 5c., $\frac{1}{2}$ oz. 25c.



Fruit of M. Fragrans

LYCHNIS (Rose Campion, Jerusalem Cross)

Handsome plants, of easy culture, growing in any rich garden soil; for massing in beds and borders; blooming the first year if sown early; hardy perennials (see cut).

- 1341 Haageana. Gigantea, mixed. Brilliant orange, scarlet, crimson, white, pink, etc.; 1 ft. Pkt. 10c., $\frac{1}{2}$ oz. 50c.

MARVEL OF PERU or Four-o'clocks

One of the most brilliant and showy of annuals. Planted in beds or masses, their compact growth, rich, glossy, gold-striped leaves, together with their profusion and diversity of bloom, present a gorgeous sight during the afternoon; 2 ft.

- 1365 Mirabilis Jalapa, variegated. Pkt. 5c., oz. 15c.



Lychnis-Haageana

MATHIOLA

"Night-Scented Stock"

- 1370 Bleornis. An annual garden plant, grown for its delicious perfume, which is emitted in the evening and morning, also after a shower; 1 ft. Pkt. 5c., $\frac{1}{2}$ oz. 15c.



Marigold-Dahlia Flowered

MARIGOLD

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the latter are dwarfier in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a

light soil, with full exposure to the sun. A vase or bowl of any of the light yellow sorts in combination with a few blue Larkspurs or Cornflowers is very striking.

MARIGOLD (African Varieties)

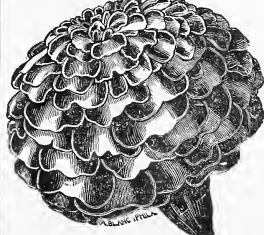
Seed saved from the best double flowers only.

- 1350 Dahlia-Floresen. Immense flowers, 10 to 14 inches around; exceedingly double, quilled like a Dahlia, producing flowers in the greatest profusion of primrose, lemon, orange and golden shades. Very showy. 2 to 3 ft. Pkt. 10c., $\frac{1}{2}$ oz. 50c.

- 1351 Nugget of Gold. Golden-quilled flowers; remarkably free bloomer; very compact and bushy. 6 in. Pkt. 5c., large pkt. 25c.
 1352 Double African, mixed. Finest sorts only; 2 to 3 feet. Pkt. 5c., $\frac{1}{2}$ oz. 30c.

MARIGOLD (French Varieties)

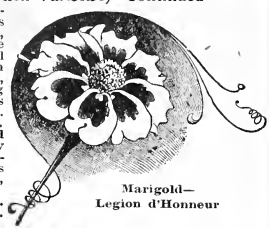
- 1353 Golden Gem. Excellent for pots or borders. 1 ft. Pkt. 10c., large pkt. 25c.
 1354 Dwarf Compact Gold Striped. Beautiful brownish red, striped bright golden yellow. True; 1 ft. Pkt. 5c., large pkt. 25c.



Marigold, Gold Striped

MARIGOLD (French Varieties)—Continued

- 1355 **Legion d'Honneur**. (Little Brown). The blooms are of medium size, rich, golden yellow, with the centre of each petal broadly marked with a velvety crimson brown, and with clustering stamens in bright shades of orange yellow; 1 ft. Pkt. 5c., large pkt. 20c.
- 1356 **Superba Dwarf**, mixed (Liliput). Remarkably beautiful, bright and distinct sorts; the best class for pots; 1 ft. Pkt. 10c., large pkt. 25c.
- 1357 **Dwarf French**, mixed. 1 ft. Pkt. 5c., large pkt. 15c.



Tagetes patula nana "Gold Ring"

- 1358 **Gold Ring**. The blooms are of rich, dark, velvety brown, distinct with each petal surrounded with a ring of rich orange yellow. Wonderfully free bloomer, and a most charming variety. Pkt. 10c., trade pkt. 15c.

MATRICARIA

- 1375 **Elegantissima**. Double White Fewfew. (Ball of Snow). Pure white; very double; fine for summer cut flowers or bedding; 18 in. Pkt. 10c.

MAURANDIA—New Large Flowering

It trails beautifully over fences and walls, and its dense, green foliage is not killed by the first fall frost, and is gay with a profusion of large blossoms; much used for hanging baskets, vases, etc. A half hardy perennial blooming the first season.

- 1380 **Grandiflora**, mixed. White, blue, red and purple; 15 ft. Pkt. 10c.

MESEMBRYANTHEMUM



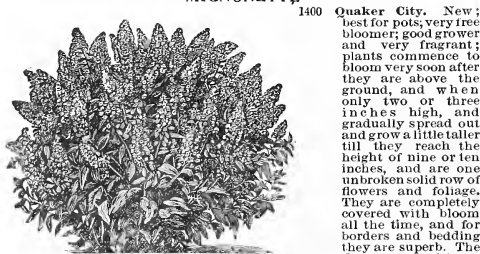
Meembryanthemum

- 1382 **Tricolor**. (Wax Plant). Various colors. Pkt. 5c.

MIMOSA (Sensitive or Humble Plant)

- 2030 **Pudica**. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet. Pkt. 5c.

MIGNONETTE



Quaker City Mignonette

- with bright yellow. Pkt. 10c.
- 1401 **Grandiflora Pyramidal**. Red; 15 in. Pkt. 5c., ¼ oz. 20c.
- 1402 **French Mammoth**. A very robust growing variety; immense large spikes; delightfully fragrant. The flowers are grown on strong, stiff stalks, and surpass all others in great brilliancy of color; the finest red-flowering sort for cut flowers, and we especially recommend it for greenhouse growing. Pkt. 35c., large pkt. 50c.

MIGNONETTE—Continued

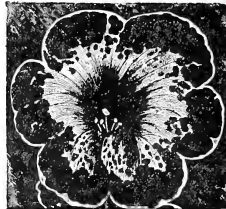
- 1404 **Giant White**. The largest flowered strain of silvery white; flowers in cultivation, very sweet scented. Pkt. 10c., large pkt. 35c.
- 1405 **Nacht Perfection**. Very fragrant. Pkt. 10c., ½ oz. 35c.
- 1406 **Giant Yellow**. Exceedingly bright and showy, finely scented with massive spikes. Pkt. 10c., large pkt. 30c.
- 1409 **The above and other sorts**. Pkt. 5c., oz. 50c.
- Collection. 1 pkt. each seven numbers 60c.

MOMORDICA

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; annuals; 10 feet.

- 1450 **Balsamina**. (Balsam Apple). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. Pkt. 5c., oz. 30c.
- 1451 **Charantia**. (Balsam Pear). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. Pkt. 5c., oz. 30c.

MIMULUS (Monkey Flower)



Mimulus

Mimulus make admirable pot plants, and are equally adapted for beds in the garden, in semi-sunny positions. The colorings and markings are rich in the extreme, ranging through velvety crimson, maroon, yellow, white and pink, spotted and bleached in a beautiful manner.

- 1480 **Mammoth Perfection**, mixed. New; very large flowered, tigered and spotted; unequalled for large size and brilliancy of colors; very beautiful; 1 ft. Pkt. 10c., large pkt. 30c.
- 1484 **Moschatus Cupreus Nana**. (Musk plant). Best for pots. Pkt. 10c., large pkt. 30c.

MUSA (Ensete Compacta)

(Abyssinian Banana Plant)

- 1470 A foliage plant of magnificent proportions; for subtropical massing or as single specimens, they are strikingly effective. Seeds sown early in the house or hot beds will produce plants 10 to 15 ft. high the first season when freely supplied with manure and water. Pkt. 25c.

MYOSOTIS (Forget-me-not)

Few spring flowers are more admired than the lovely Forget-me-nots, and are especially effective when grown in masses. Perennials and hardy if given a light protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris and Azorea varieties come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

- 1460 **Robusta Grandiflora**. Very large, bright blue flowers, pyramidal habit; 10 in. Pkt. 10c.
- 1481 **White Pillar**. Large flowers, early bloomer, of striking compact perpendicular habit, forming a column or pillar; highly useful for pots, edgings or any other decorative purpose. Pkt. 10c., ½ oz. 50c.
- 1482 **Alpestris Compacta**. (Dwarf Bouquet). Beautiful, porcelain blue; best for pots, very fine; 4 in. Pkt. 10c.
- 1484 **Azorea**. Handsome, large, deep blue flowers produced on long single stems, in great profusion; most excellent for cutting and forcing purposes. Very early and an especially fine winter bloomer; highly desirable for early spring sowing for pot sales. Best for cut flowers; 1 ft. Pkt. 15c., large pkt. 50c.
- 1485 **Palustris Semperflorens**. True; ever blooming type; beautiful deep blue flowers, fine for cut flowers; blooms from May until autumn; 8 in. Pkt. 15c.
- 1 pkt. each 5 numbers 45c.



Myosotis—White Pillar

NEMORPHILA

(Grove Love)

Of neat, compact habit, blooming freely all summer; hardy annual.

- 1540 **Finest Mixed**. Comprising sixteen fine, bright colors of white, blue, brown, purple and spotted; 1 ft. Pkt. 5c., oz. 10c.



Nemophila

NICOTIANA

(New, Large-Flowering Hybrids, Mixed.)

- 1550 **Sylvestris Hybrids, Mixed**. (Sandero). Magnificent new hybrids, having large flowers of most brilliant shades of red, pink, heliotrope, purple and pure white. 3 ft. Very sweetly scented. Pkt. 10c., large pkt. 50c.

Improved Brilliant Large- Flowered Nasturtiums

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately poor soil, in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. A dinner table decoration of frilled foliage, Queen of the Dwarfs, Bird of Paradise and Queen of Tom Thumbs is exceedingly dainty and effective.

Moore's Improved Brilliant Large Flowered Types DWARF OR TOM THUMB VARIETIES

For showy and constant bloom few garden flowers equal the dwarf nasturtium, which, by the way, has been greatly improved during the past few years, in colors and habit of growth. They are sure to bloom from early summer until killed by frost. No garden can be complete without a fair representation of them; 8 to 12 inches.

RICH GOLDEN-HUED AND VARIEGATED FOLIAGE VARIETIES

- 1520 **Scarlet and Gold.** Bright golden foliage, intense scarlet flowers. Very showy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1521 **Golden Queen.** Compact, bright yellow. Effective. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1522 **Frilled Foliage.** A new and charming novelty with intensely bright colored flowers with rich, suffused markings, produced on long stalks well above the magnificent, wavy, bright colored foliage. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.
 1523 **Queen of Dwarfs.** (New.) Very compact; flowers rich purple crimson. Charming sort for pots. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 50c.

DARK BLUE AND GREEN FOLIAGE VARIETIES

- 1524 **Empress of India.** Flowers intense crimson scarlet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1525 **Lady Cherry.** Deep wine red flowers. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c.
 1526 **Vesuvius.** Rich salmon pink with dark spots. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1527 **Bird of Paradise.** Dazzling scarlet on a golden yellow ground. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1528 **King of the Blacks.** Dark maroon. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1529 **Crystal Palace Gem.** Sulphur, spotted maroon. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1530 **Queen of Tom Thumbs.** (New.) With beautiful marmarated foliage with a magnificent array of intensely bright colors, richly suffused with rich markings and shades. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c.

- 1531 **Moore's Superb Large-Flowered, Mixed.** Comprising all the above superb novelties, embracing the most brilliant and conspicuous flowered sorts, offered by us exclusively. Finest dwarf class for pots. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. 75c.
 1532 **Choice Mixed.** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.
 Collection 11 pkts. one each named sort, 55c.

GENOTHERA (Evening Primrose)

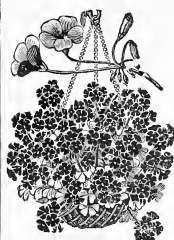
Charming, mostly low-growing plants, with large and showy flowers of yellow, white, rose, etc. They are of easiest culture, succeeding in almost any kind of soil, but should have a sunny position.

- 1538 **Selected Annual Sorts.** White, lemon, brilliant golden yellow, spotted, etc. Very choice. Pkt. 5c., $\frac{1}{4}$ oz. 25c.

OXALIS

Exceedingly free-flowering little plants with lively foliage, and entirely covered with bright flowers; annual.

- 1539 **Rosea, mixed.** Red, white and pink; Pkt. 10c., trade Pkt. 25c.



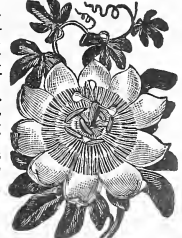
Oxalis

- 1538 **Cloth of Gold.** Charming large bright yellow; fragrant flowers. Pkt. 10c., trade Pkt. 25c.
 1539 **Mixed.** Very fine varieties. Pkt. 5c., $\frac{1}{4}$ oz. 50c.

PASSIFLORA (Passion Flower)

Handsome, rapid-growing perennial climber, blooming first season if sown early, for greenhouse decoration or sunny positions in the open ground in summer. Indispensable for the garden or greenhouse, bearing a profusion of attractive flowers. (See cul.)

- 1540 **Corulea Grandiflora.** (Large Violet) Blue; 10 ft. Pkt. 10c.
 1541 **Incarnatina Grandiflora.** ("May Poppy") Blooms the first season from seed. Flowers 2 or 3 inches across. Flesh color with purple rays, followed by yellow edible fruits. Pkt. 10c.
 1542 **Mixed.** White, blue and scarlet. Pkt. 10c., 3 pkts. 25c.



Passion Flower

GIANT FLOWERED TALL OR CLIMBING NASTURTIUMS

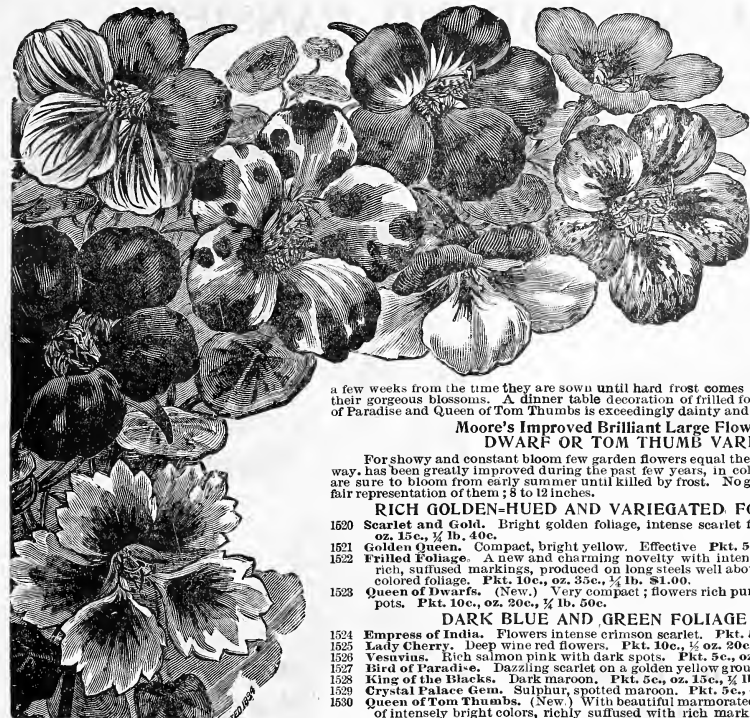
Beautiful and luxuriant annual climbers, for trellises and arbors; of earliest culture, bearing their gorgeous flowers in profusion until killed by frost; 5 to 10 feet.

We offer only the finest varieties in this class.

- 1500 **Coquette.** Flowers vary from yellow to deep crimson and handsomely spotted. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 1501 **Cloth of Gold.** Golden yellow foliage, lacy red and scarlet flowers. Very attractive sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1502 **Sunlight.** Flowers of clear, rich, golden yellow and very large size. New. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 1503 **Black Prince.** Fine deep crimson; handsome, shiny dark green foliage. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1504 **Moonlight.** Pale, creamy white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1505 **Princess Henry.** Fine lemon yellow, with bright carmine blotches. Very fine. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1506 **Salmon Rose.** Large, showy flowers; rich, velvety shade of salmon. Dark green foliage. Magnificent variety. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 1507 **Dark Purple.** Rich color, dark leaved. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1508 **Ivy-leaved Princess Juliana.** Pretty foliage. Magnificent large flowers, golden orange with velvety red spots. Fine dark foliage prettily lacinated. Pkt. 10c., oz. 50c.
 1509 **Fire Fly.** Dark-leaved, large flowers of rich, dark orange yellow; spotted bright scarlet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 1510 **Queen Wilhelmina.** Magnificent, rosy scarlet, throat-veined, bright crimson leaves, variegated with white, yellow and green. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
 1511 **Lobbs Queen.** Flowers blood red, scarlet, crimson, sulphur and deep yellow, with handsome markings. Richly marked foliage. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
 1512 **Margaret.** (New.) Large, cream white flower, beautifully spotted and veined, with rich scarlet dark leaved. Fine. Pkt. 10c., oz. 25c.
 1513 **Moore's Giant Large Flowering, Mixed.** Composed of the most richly variegated and brilliant colors in almost endless variety, with charmingly ornamented foliage. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
 1514 **Mixed.** Fine varieties. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.
 Collection 13 pkts. one of each named tall variety, 75c.

NICOTIANA (Sandwaver Tobacco)

- 1550 **Sylvestris Hybrids Mixed.** (Sandwaver.) Magnificent new hybrids, having large flowers of most brilliant shades of red, pink, heliotrope, purple and pure white. Very sweetly scented. Pkt. 10c., large Pkt. 40c.
 1551 **Colossea.** New gigantic foliage plant; very effective in groups, borders or lawns. Reddish purple; 4 to 5 feet. Pkt. 5c., large Pkt. 25c.



MOORE'S GRAND PANSIES

A universal favorite with young and old. Every child sees the face in the pansy, and, aside from its great beauty, we will treasure it as the symbol of modest worth and true affection. The smallest yard must have its Pansies. Not poor forlorn plants struggling unaided with heat and drouth and hard-baked ground, though even there yielding as handfuls of cheery bloom; but, rather, strong, vigorous plants, rioting in the cool, deep mellow beds they love, made rich with fertilizers, kept free from weeds and shaded from the hot afternoon sun. In such a bed one may gather great velvety Pansies by the hundreds—flowers so radiantly beautiful that they scarcely seem of the earth.

Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer blooming should be sown by the latter part of April, or early May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed beds with newspapers will prevent this and hasten somewhat the period of germination.

As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as pansies will not thrive when obliged to share the beds with a mass of weeds.

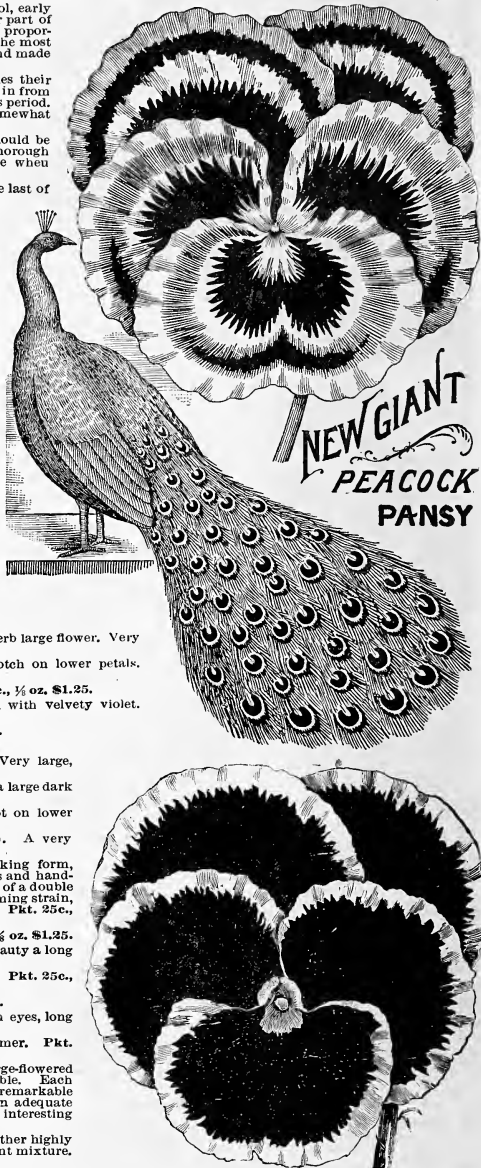
Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition.

New Giant Peacock Pansies

1602 These are truly phenomenal pansies and the best ever offered the American public. The best in size, brilliant and rare markings and colors of unsurpassed beauty and variety. It is really and truly the only up-to-date pansy, and is unquestionably the largest, finest and in every way the most striking collection of scientifically hybridized pansies ever introduced to the American public. It contains many shades of exquisite and most gorgeous colors and markings never before seen in this queen of flowers. They embrace all the solid or self colors; delicately-shaded flowers; five-spotted and three-spotted; edged or bordered flowers of various colors, each with a distinct rim of white, yellow, or blue; dark and light marbled varieties; flowers with clear, distinct eyes; striped flowers of striking beauty, and vividly colored fancy varieties, blotched, veined, marbled, and margined. This magnificent collection is without a parallel and will give unbounded satisfaction to all who grow them. Pkt. 50c., five pkts. \$3.00, ¼ oz. \$3.00.

Moore's Giant Flowered Show Pansies

- 1604 Giant White, Oculated. Snow white with rich purple eye. Superb large flower. Very fine. Pkt. 25c., ¼ oz. \$1.50.
- 1605 Giant White, Clear white, shaded beautiful rose, rich violet blotch on lower petals. Pkt. 25c., ¼ oz. \$1.50.
- 1606 Giant Snow Queen. Spotless white. Handsome flower. Pkt. 25c., ¼ oz. \$1.25.
- 1607 Giant White Frilled. Pure white, each petal is heavily blotched with velvety violet. Petals beautifully frilled. Pkt. 25c., ¼ oz. \$1.25.
- 1608 Giant Yellow Frilled. Distinct black eye. Pkt. 25c., ¼ oz. \$1.50.
- 1609 Giant Golden Queen. A clear yellow. Pkt. 25c., ¼ oz. \$1.25.
- 1610 Giant Yellow Oculated. Rich yellow with large black eye. Very large, well formed flowers. Pkt. 25c., ¼ oz. \$1.25.
- 1611 Giant Fancy yellow. Bright golden color, each petal marked with a large dark blotch. Pkt. 25c., ¼ oz. \$1.25.
- 1612 Giant Orchid Yellow. Handsome rich yellow with reddish spot on lower petals. Pkt. 25c., ¼ oz. \$1.25.
- 1613 Tricolor Maxima Hiemalis (Winter-blooming Giant Pansies). A very striking pansy. Extra fine colors. Pkt. 25c., ¼ oz. \$1.25.
- 1614 Giant Frilled Gems. Very large, truly giant-sized flowers of striking form, variously colored in all the richest shades, markings and lacings and handsomely frimbriated and heavily ruffled, which gives them the effect of a double flower. The petals are of a rich velvety substance. A most charming strain, and will become as popular as our frilled or Spencer Sweet Peas. Pkt. 25c., ¼ oz. \$1.25.
- 1615 Giant Hortensia Rose. New, fine delicate rose color. Pkt. 25c., ¼ oz. \$1.25.
- 1616 Giant Sapphire Blue. With large white eye. Remain in full beauty a long time. Pkt. 25c., ¼ oz. \$1.25.
- 1617 Giant Coal Black. Extra fine, intense rich purplish black color. Pkt. 25c., ¼ oz. \$1.25.
- 1618 Giant Apple Blossom. Lovely soft pink. Pkt. 25c., ¼ oz. \$1.25.
- 1619 Giant Fixing. New, brilliant red and yellow with large brown eyes, long stiff stems. Extra. Pkt. 25c., ¼ oz. \$1.25.
- 1620 Giant Indigo King. Extra large, finest dark blue. Very free bloomer. Pkt. 25c., ¼ oz. \$1.25.
- 1621 Giant Superb Rainbow. This is an unusually handsome large-flowered type of the richest colors and fine delicate markings imaginable. Each petal is surrounded with a clear yellow, red or white band, a remarkable variety of entrancing beauty. It is quite impossible to convey an adequate idea of the delightful variations of color and markings of this very interesting and attractive class. Pkt. 25c., ¼ oz. \$1.50.
- 1622 Giant Mixed. Comprising all the above brilliant sorts and many other highly beautiful and magnificent varieties not listed above. A magnificent mixture. Pkt. 25c., 3 pkts. 50c., ¼ oz. \$1.50, ¼ oz. \$2.25.
- 1623 Collection. 1 pkt. each of the above 19 numbers \$3.25. Any three 25c. pkts. for 50c.



Moore's Superb Giant Rainbow Pansy

MOORE'S GRAND PANSIES—Continued

LARGE FLOWERED TRIMMARDEAU

- 1625 Celestial. Light blue. Pkt. 10c.
 1626 Golden Gem. Pure yellow. Pkt. 10c.
 1627 Yellow. With dark eye. Pkt. 10c.
 1628 Pure White. Pkt. 10c.
 1629 King of the Blacks. Pkt. 10c.
 1630 Victoria. Brightest red, fine. Pkt. 10c.
 1631 Lord Beaconsfield. Extra. Purple, top petals white. Pkt. 10c.
 1632 Striped. Pkt. 10c.
 1634 Mixed. All colors. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

Collection. 1 pkt., each 8 sorts 55c.

IMPROVED STANDARD VARIETIES

- 1638 American Exhibition Prize, Large Flowered, Mixed. An entirely new and highly novel strain of good size, unsurpassed for variety, richness of color, brilliancy of markings and perfection of form. Unequaled by any other strain of American growth. Will give excellent satisfaction. Pkt. 25c., $\frac{1}{4}$ oz. 75c.

- 1639 Premium, Choicest Mixed. Our strain is much superior to that offered by others under this name. A first-class mixture at a moderate price. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1640 English Fine Quality, Mixed. (Imported.) Comprising many rich and showy varieties. Pkt. 5c., $\frac{1}{4}$ oz. 50c.

- 1635 Princess Pansies. Very early bloomers. Bloom in 30 days from sowing. These conspicuous new pansies stand both heat and cold remarkably well. The plant is of a stiff upright, compact habit. The freely produced embrace a great variety of color, many are beautifully frilled and handsomely blotched. Fine for beds or borders. Pkt. 20c., $\frac{1}{4}$ oz. 75c.



Princess Pansy

PETUNIA

(An Important Specialty With Us)

This is a flower for everybody. Few high-priced and rare plants can begin to compare with the Petunia for beauty, and not half a dozen other flowers on our list are as showy in beds or masses. We once saw in front of a humble western cabin a great raised bed of Petunias, a perfect cloud of brilliant blossoms that could be seen far over the prairie, gleaming in purple and white, like some great star, and all this wealth of beauty was the product of a ten-cent paper of seed. The smallest yard and the finest park is not complete without these butterflies among flowers, that mind neither head, mouth or mind, but bloom in profusion until the winter is almost upon us. The seed is best started in the house, and the young plants transplanted to open ground one foot apart, but if the soil is made very fine, seed can be sown in open ground and covered lightly. After they are once up they are no trouble to grow.



Moore's Mammoth-Flowered Fringed Petunia

PETUNIA—(CONTINUED) DOUBLE VARIETIES

Our strains of this important seed are of the highest quality, all seed being saved from pot-grown plants. Customers may rely upon getting the best results obtainable.

Note.—Double Petunias grown from seed, produce a large percentage of double flowers; the balance in single flowers of the same beautiful rich shade. It is important to carefully pick out and save the weaker seedlings, as these always produce the best double flowers.

- 1700 Large-Flowering Double, Striped, Spotted and Selfs Mixed. A grand mixture, embracing the most interesting types. Extra quality. Pkt. 25c.
 1701 Moore's Prize Large-Flowering, Double, Fringed, Mixed. Magnificent strain of very large beautiful flowers. The very finest varieties of tints and colors will be obtained from this class. A true royal strain. Pkt. 50c.
 1702 Moore's Giant Fringed Snowball. Extra large flowers, many 4 to 5 inches in diameter, of the purest glistening white. A charming variety. Pkt. 50c.

SINGLE VARIETIES

- 1703 Moore's Mammoth Fringed, Mottled, Striped and Veined. A new class of remarkable beauty, size and luxuriance, unequaled by any other. The flowers are exquisitely ruffled or fringed, and are of enormous dimensions (4 to 5 inches across). Great merits lie in the tremendous varieties of colors, markings, veining, blotchings and stripings, in the most beautiful combinations. The colors are rich and gorgeous and others of a great diversity of lovely delicate shades. This strain represents the acme of perfection in single large-flowered Petunias; 10 in. Pkt. 50c., large pkt. \$1.00.
 1704 California Fringed Ruffled Giants, Mixed. Pkt. 25c.
 1705 Moore's Mammoth Fringed Yellow Throat. Superb new delicate shades. Remarkably fine. Pkt. 25c.

- 1712 Moore's Mammoth Fringed White. Yellow throat, extra fine flower. Pkt. 50c.

- 1713 Moore's Mammoth Fringed Rose and White. Brilliant and very beautiful. Pkt. 50c.

- 1714 Moore's Mammoth Flowered, Fringed, Dwarf, Compact. Make handsome small bushes with beautiful flowers in great variety borne well above the foliage. Excellent market plant. Pkt. 50c., large pkt. \$1.00.

- 1706 Inimitable New Dwarf Star. Bushy; cherry-red flowers, striped white; excellent for pots. Pkt. 10c., $\frac{1}{4}$ oz. 75c.

- 1707 Moore's Dwarf, Compact Mixed, Dwarf Bouquet Petunias. Very dwarf, handsome compact growing sorts; all bright, charming colors, such as white, rose, carmine and crimson, striped white. Very free and constant bloomers. For pots they are perfectly superb. Sure to give satisfaction; 6 to 8 inches. Pkt. 25c., large pkt. 50c.

- 1708 Superb Brilliant Crispen. A most gorgeous color, valuable for bedding in conjunction with white. Very free bloomer. Pkt. 15c., 2 pkts. 25c., $\frac{1}{4}$ oz. 75c.

- 1709 Pure White. Fine for masses. Pkt. 10c., $\frac{1}{4}$ oz. 25c.

- 1710 Blue Star. A lovely velvety blue with a clear white star. Compact, very free bloomer. Fine for any purpose. Pkt. 15c., large pkt. 50c.

- 1711 Splendid Mixed. Many colors. Pkt. 5c., $\frac{1}{4}$ oz. 25c.

- 1715 Howard's Star. The flowers are of medium size, of a rich crimson maroon, with a bluish-white stripe through each petal, forming a five-pointed star. Pkt. 15c., 2 pkts. 25c.

- 1716 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1717 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1718 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1719 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1720 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1721 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1722 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1723 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1724 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1725 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

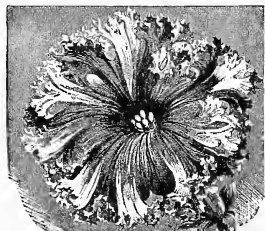
- 1726 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1727 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1728 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1729 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

- 1730 Rosy Morn. Nice bushy dwarf form; large, brilliant pink flowers with white throat. Pkt. 10c., $\frac{1}{4}$ oz. 50c.



Moore's Mammoth Flowered Compact, Dwarf Fringed



Petunia—Rosy Morn

PLATYCODON (Double Japanese Ten-Pointed Star)

One of the best hardy perennials, producing very showy flowers during the whole season. The inner petals alternate with the outer ones giving the appearance of a ten-pointed star. Easily raised from seed, which begins blooming in August if sown outdoors in April.

- 1725 Grandiflorum. Cerulea Fl. Pl. Large, glossy, deep blue flowers. Pkt. 10c., 3 pkts. 25c.

- 1727 Grandiflora Alba, Fl. Pl. Pure white, fine for cutting. Pkt. 10c., 3 pkts. 25c.

POLYANTHUS (Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

- 1840 Gold-Laced. Very showy and attractive; flowers edged with gold. Pkt. 15c.

- 1841 English Large-Flowered. A brilliant strain of finest flowers including bronze and orange shades. Extra. Pkt. 10c., $\frac{1}{4}$ oz. 50c.

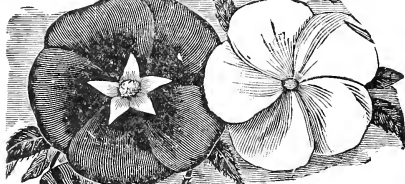
PENTSTEMON (Beard Tongue)

A companionable flower that is attractive in the border, pretty in balcony boxes, and very fine for vases and cut-flower work. Blooms first year from seed, though it is a hardy perennial, the plants living in the ground over winter and blooming profusely year after year in the same spot. On this account it is very valuable. The pretty, large star-like flowers are three inches across and the colors are very clear. It is a most beautiful and satisfactory plant which blooms freely all the season, one plant often having a hundred or more of its large fine blossoms at one time. Hardy perennial.

- 1720 **Hartweg's Giant-Flowered.** (New.) Embracing brilliant colors of red, blue, purple, white, violet and rose, very large flowers. 2 to 3 feet. Pkt. 25c., 3 pkts. 50c.

PHLOX DRUMMONDI

One of the very best of all bedding annuals is the Phlox Drummondii, surpassing almost everything else in dazzling brilliancy. We may well be proud of this distinctively American flower, for it is extremely beautiful, neat in growth and an extraordinary bloomer. The newer sorts of Phlox are so far ahead of the older varieties that we have discarded all the latter, and offer none but those beautiful new ones of recent introduction. The Phlox makes beautiful ribbon beds when different colors are sown side by side, and are also grand for masses of solid color.

Pentstemon Giant Flowered**MOORE'S SELECT LARGE FLOWERED PHLOX**

This class is the finest grandiflora type, having very large heads of bloom, as well as the largest individual flowers and richest colors; 15 inches.

- 1730 **Alba Superbissima.** Best white for cut flowers. Pkt. 10c.
1731 **Light Pink.** Splendid color. Pkt. 10c.
1732 **Kersinsima Splendens.** Vivid crimson, white eye. Pkt. 10c.
1733 **Stellata Splendens.** Unusually handsome. Large ocellated flowers. Extremely showy. Pkt. 10c.
1734 **Brilliant Rose.** Very fine. Extra. Pkt. 10c.
1735 **Violet.** White eye; very fine. Pkt. 10c.
1736 **Moore's Superb Mixed.** Of unsurpassed beauty, embracing thirty choicest brilliant colored sorts. Selfs striped and ocellated. Pkt. 10c., ¼ oz. 75c.
1739 **Fine Mixed.** Good colors. Pkt. 5c., ¼ oz. 25c., ½ oz. 75c.
Collection. 1 pkt. each 6 colors 45c.

Phlox Drummondii No. 1738**NEW IMPROVED LARGE FLOWERED DWARF COMPACT**

- bon beds, massing and edging; 8 inches. Give great satisfaction.
- 1741 **Stellated.** New brilliant varieties, very handsomely ocellated; fine. Pkt. 15c.
1742 **White.** (Snowball.) Beautiful white. Pkt. 15c.
1743 **Brilliant Red.** (Fireball.) Brilliant scarlet. Pkt. 15c.
1745 **Moore's Superb Hortensiaeflora, mixed.** Comprising only the most brilliant, showy, large-flowered and salable colors, embracing twenty-two of the finest varieties. Florists will find our mixture to be of unusual merit. In fact there is no sort equaling it. Pkt. 20c., 3 pkts. 45c., ¼ oz. \$1.00.
1746 **Fine Mixed.** Good colors. Pkt. 10c.
1750 **Star of Quediunburg, choice mixed.** has ever created such a sensation.

**Phlox Drummondii. "Star of Quediunburg"**

Nothing in the Phlox line Their large size and their curiously pointed, fringed and toothed blooms—utterly unlike anything else—took the floral world by storm. They are of every conceivable shade, more than a hundred distinct tints, shades, colors and combinations having been counted among them. Scarcely two plants can be found of the same shape and color. If you want something odd, new and striking, then try Star of Quediunburg Phlox. Pkt. 10c., 3 pkts. 25c., ¼ oz. 50c.

HARDY PERENNIAL PHLOX

- 1761 **New Dwarf, Large Flowering Hybrids, mixed.** (Grandiflora.) Saved from our own splendid collection of the choicest sorts; should be sown as early as possible in a cold frame. Finest mixed. Pkt. 10c., 3 pkts. 25c., ¼ oz. 50c.

POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.

- 1770 **Picotee.** This single Paeony-flowered Poppy of surprising beauty. The flower is of a glistening pure white with a broad band of brilliant scarlet around the top of the petals which produces a most magnificent effect. Pkt. 10c., ¼ oz. 25c.

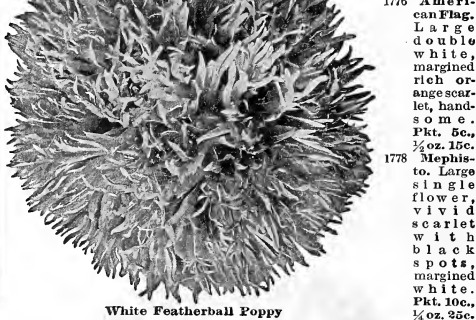
- 1772 **Royal Black.** Doubles and semi-doubles; fine. Pkt. 10c.

- 1773 **Tulip Poppy (Papaver Glaucum).** One of the most brilliant; the flowers are 3 in. across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 ft. Pkt. 10c., ¼ oz. 25c.

- 1774 **Victoria Cross.** Intense scarlet with a silvery white spot on each petal, remarkably beautiful. Pkt. 10c., ¼ oz. 25c.

**Poppy Picotee**

- 1776 **American Flag.** Large double flower, margined rich orange-scarlet, handsome. Pkt. 5c., ¼ oz. 15c.

**White Featherball Poppy**

- 1780 **Hansa.** New, single fringed, whiteground passing to deep crimson, heat finely slitted edges. Very elegant. Pkt. 10c., ¼ oz. 25c.

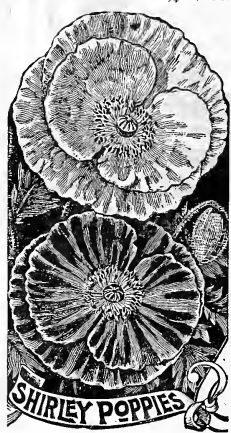
- 1781 **White Featherball.** Very large, deeply and beautifully fringed double of the purest glistening snow white, downlike appearance. Pkt. 5c., ¼ oz. 25c.

- 1782 **Dainty Lady.** Large satiny white, single outer petal shaded chambray rose; exquisite. A combination of rare delicacy. Pkt. 10c., ¼ oz. 25c.

- 1833 **Giant Double Carnation, Flowered Superb, Mixed.** Flowers large as saucers, extra, beautiful colors. Pkt. 5c., trade pkt. 10c., ¼ oz. 30c.

- 1884 **Large Double Shirley.** Exquisite collection of colors, ranging from pure white through the delicate shades of pink, deep crimson and blood red, while many are daintily edged and striped, more durable than the single, some with golden foliage. Pkt. 10c., ¼ oz. 15c., 1 oz. \$1.00.

- 1886 **Brilliant Hybrids, Mixed.** Magnificent single and semi-doubles, very rich colors and markings including the yellow sorts. Pkt. 5c., double pkt. 10c., ¼ oz. 30c.

**SHIRLEY POPPIES**

HARDY PERENNIAL POPPIES

- 1888 **Iceland Satin Poppies**, (*Papava Medicae*). While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue to flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring. This lovely species varies in color from sulphur yellow through different shades of orange to chamois and salmony rose, some of which are very striking. Pkt. 15c., 2 pkts. 25c., $\frac{1}{2}$ oz. 50c.

- 1887 **Giant Royal Oriental, Mixed**. Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height, 2 to 3 feet; flowers immense, often 6 to 8 inches across, exceedingly showy. Colors range in crimson, pink, scarlet, salmon, yellow, shiny dark scarlet, and spotted. Pkt. 15c., 2 pkts. 25c., $\frac{1}{2}$ oz. 50c.
- 1889 **Collection**. 1 pkt. each 15 varieties \$1.00. Any 3 ten-cent pkts. 25c.

Iceland Satin Poppies

PORTULACA (Sun Plant)

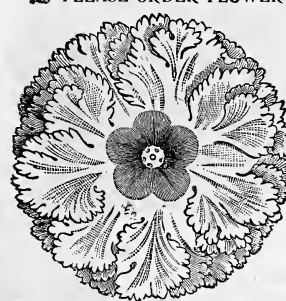
The Portulaca will stand more abuse than almost any other flower. They do not like deep shade, or wet, damp soil, but in any other situation they only ask the sowing; they will take care of themselves afterward. The dryer the weather and the hotter the sun, the more they flourish, carpeting the ground with their mat of succulent foliage, that during the fore part of the day is almost hidden by clouds of gay blossoms in every color of the rainbow. Fine for bordering walks, rock work and bedding. Beautiful in ribbon beds, and they can be transplanted even in full bloom; 6 inches.



Double Portulaca

- 1790 **Grandiflora Single Rose**. Pkt. 5c., $\frac{1}{2}$ oz. 20c.
- 1792 " " **Scarlet**. Pkt. 5c., $\frac{1}{2}$ oz. 20c.
- 1798 " " **White**. Pkt. 5c., $\frac{1}{2}$ oz. 20c.
- 1798 " " **Yellow**. Pkt. 5c., $\frac{1}{2}$ oz. 20c.
- 1798 " " **White, Red Centre**. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
- 1798 " " **Mixed**. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
- 1789 **Collection 1 pkt. each color 20c.**
- 1789 **Grandiflora Double Rose-Flowered, mixed**. More than half the plants should produce double flowers. The singles can be pulled out as soon as they bloom, thus making the entire bed of double flowers. Pkt. 10c., 3 pkts. 25c., $\frac{1}{2}$ oz.

PLEASE ORDER FLOWER SEED BY NUMBER.



PRIMULA (Primrose)

All our varieties are of a distinct and beautiful type and are grown by the best German and English specialists from prize strains only, unsurpassed for variety, large size and brilliancy of colors, and great substance of flower, averaging from $\frac{1}{4}$ to 6 inches in circumference. This is our leading specialty. The cheap grades are not kept by us, as we find they do not give satisfaction. The "Chinese Primrose" is a great favorite for the house or conservatory. Sow in March, April and May. The hardy varieties should also be extensively cultivated.

CHINESE GIANT FLOWERING FRINGED

- Giant-Flowered Alba Magnifica Primula** 1800 Giant Alba Magnifica. Large, beautiful pure white, with citron eye; compact; light green foliage. Pkt. 50c.
- 1801 **Giant Vermilion Splendens**. New, handsome brilliant red; abundant bloomer. Pkt. 50c.
- 1802 **Giant Holborn Blue**. Pkt. 50c.
- 1803 **Giant Kermesina Splendens**. Flowers of immense size; flaming, brilliant crimson, with large bright golden eye. Pkt. 50c.
- 1804 **Giant Chiswick Spotted**. Dark red, spotted white; very beautiful and showy. Pkt. 50c.
- 1805 **Giant Royal Pink**. Delicate rose pink, superb flower, elegantly fringed. Pkt. 50c.
- 1806 **Giant Satin White**. New, the finest pure ivory white, with a noble truss of bloom; grand size. Pkt. 50c.

PRIMULA—Continued



Primula Forbesi



Primula Malacoides

- 1810 **Giant Duchess**. Pure white with zone of rosy carmine surrounding a clear yellow eye, is simply unapproachable in its beauty. Should be in every collection. Pkt. 50c.
- 1807 **Moore's Giant Exhibition Prize Strain, Mixed**. Remarkable for large size, varied and brilliant colored flowers in beautiful variety. The finest and best strain extant. Pkt. 50c.
- 1808 **Fine Mixed**. Good strain of free flowering sorts. Pkt. 25c.
- 1809 **Primula Stellata, Mixed**. Unsurpassed rich colors and varieties of large, numerous star-shaped flowers. Very decorative, good for cutting. Pkt. 50c.
- 1811 **Giant Double, Mixed**. Very free bloomer, excellent for bouquets, more durable than single bright flowers; extra quality. Pkt. 50c. Any three 50c. pkts. for \$1.00.

PRIMULA OBCONICA

Primula obconica is one of the most useful and profitable flowers for the florist. They are literally perpetual bloomers, invaluable for cutting and greenhouse decoration. Plants should be grown in a heavy soil and kept as near 60 degrees as possible. We offer the most valuable, improved and up-to-date varieties for florists' use.

- 1814 **Giant Fire King**. Rich, brilliant, fiery crimson. Pkt. 25c.
- 1816 **Giant Rose Pink**. Beautiful large blooms. Pkt. 25c.
- 1816 **Giant Brilliant Crimson**. Rich ruby color. Pkt. 25c.
- 1817 **Giant Lilac**. Handsome light shade. Pkt. 25c.
- 1818 **Giant Pure White**. Very free bloomer. Pkt. 25c.
- 1819 **Giant Shell Pink**. A lovely color. Pkt. 25c.
- 1820 **Giant Oculta**. Beautiful hybrids with bright yellow and brown eyes. Pkt. 25c.
- 1822 **Multiflora Compact Mixed**. Excellent pot plant; handsome large flowers; wonderful free bloomer. Good colors. Pkt. 25c.
- 1825 **Giant Mixed**. (*Cortusoides*). Very large, charming, various colored flowers; handsomely outlined and fringed; many from 4 to 5 inches in circumference; in a great multitude of colors including white, crimson, rose, lilac, violet and many beautifully outlined sorts. A wonderfully superb collection. Pkt. 25c. Any three 25c. pkts. for 50c. or six for \$1.00.

PRIMULA (Various Sorts)

- The four below mentioned sorts make fine pot plants and bloom in from three to four months from seed.
- 1830 **Kewensis**. Bright yellow; borne on long stems, delightfully fragrant. Pkt. 25c.
- 1831 **Forbesi**. (*Baby Primrose*). Rich rose mauve with bright yellow eye; remarkably free bloomer (see cut). Very graceful. Pkt. 25c.
- 1832 **Malacoides flaccida**. Attractive pale mauve; flowers produced tier upon tier to height of about two feet, in valuable for greenhouse decoration. Seedlings bloom in four months. Pkt. 25c.
- 1833 **Malacoides Alba**. A clear white form of the above; exceedingly attractive. Pkt. 25c.

HARDY PRIMROSES

- These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame. The seed is slow in germinating and it is important to prick off the weakest as well as the strongest.
- 1835 **Aureula**. A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches. Pkt. 10c.
- 1837 **Japonica**. (*Japanese Primrose*). Bright and showy flowers, borne in whorls on stems 6 to 8 inches long; mixed colors. Pkt. 25c.
- 1838 **Vulgaris, mixed**. (*English Primrose*). Beautiful colors including rich brown, crimson and yellow. Very pretty; fragrant. Pkt. 25c., $\frac{1}{2}$ oz. \$1.50.

See Also Cowslip and Polyanthus

RHODANTHE (Swan River Everlasting)

An exceedingly beautiful flower, and one which possesses a grace and beauty seldom seen. As an everlasting it is indispensable, and as a pot or garden flower it is elegant. Sown later in the open ground they are a grand summer flower. For drying they are very graceful and pretty made up into dry bouquets; 1 ft.

- 1940 **Mixed**. Single and double mixed. Pkt. 10c., 3 pkts. 25c., $\frac{1}{2}$ oz. 50c.



Rhodanthe



Pyrethrum, Comet Flowered

PYRETHRUM

The yellow leaved sorts are much used for edging and carpet bedding.

- 1890 **Aureum.** (Golden Feather.) Pkt. 5c, ½ oz. 20c.
1881 **Golden Ball.** A striking variety. Each plant is charming, compact ball of golden yellow. Moss-like foliage. 4 in. Pkt. 15c, 2 pkts. 25c.

PYRETHRUM

(Hardy Perennial Sorts)

Valuable hardy border plants, throwing up numerous stems about 2 feet high, each surmounted with large aster-like flowers, 3 or 4 inches across, of bright colors, such as rose, flesh, pink, white, crimson, etc.; they remain in bloom a long time.

- 1832 **Comet-Flowered.** A selection of the useful and extremely free-blooming hardy perennial Pyrethrums. The flowers are large (2 to 3 inches across), either single or semi-double, and of the most bizarre form, the petals being rolled, twisted or sometimes tangled together. A similar range of color will be found in these fine Comet-flowered Pyrethrums as color and rose to brilliant carmine and blood red. They will certainly furnish excellent material for cutting. Pkt. 15c, 2 pkts. 25c.

ROSE SEED

- among the ordinary type, i. e., from pure white through flesh color and rose to brilliant carmine and blood red. They will certainly furnish excellent material for cutting. Pkt. 15c, 2 pkts. 25c.
- 1893 **Double Large-Flowering Hybrids, mixed.** Very large double flowers. Pkt. 25c, 3 pkts. 55c.
- 1942 **French Hybrids.** These new hybrids include teas, remontants and polyantha multiflora; they grow vigorously and commence flowering in 4 months' time from seed; the following year, the plants, being larger, yield a greater quantity of flowers; but their prime is not reached until the third season, when they bloom in astonishing prodigality all summer long and continue to do so thereafter for years. The plants form robust bushes, and are hardy, with slight protection, in cold climates; about 80 per cent. of them produce large double flowers of all colors and shades known in Roses, excepting yellow; they are, moreover, delightfully fragrant. Suitable either for garden or pot culture. (See cut.) Pkt. 15c, 2 pkts. 25c.



French Hybrid Rose from Seed

RICINUS (Castor Oil Plant)

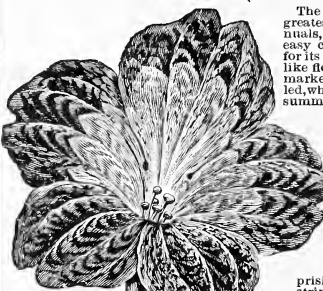
Picturesque foliage plants that speedily attain stately and gigantic proportions, producing a beautiful subterminal effect, fine for massing, centre plants for beds or lawn edgings, and are ornamental until frost.

- 1850 **Monstrosus Gigantea.** Blue powdered stem; huge dark brown leaves 3 feet in diameter, producing a very beautiful subterminal effect; 5 feet. Pkt. 10c, ½ oz. 20c.
1951 **Sanguineus.** Blood-red stem; beautiful green foliage with large clusters of red fruit; 8 ft. Pkt. 5c, ½ oz. 15c.
1952 **Gibsoni.** (Bronze King.) Bluish green stem; deep red bronzy foliage. Very fine. Pkt. 5c, ½ oz. 15c.
1953 **Queen of Cambodia.** Stem and leaf stalks a shining ebony black; foliage assumes different shades of crimson as season advances. Very effective; 8 ft. Pkt. 5c, ½ oz. 15c.
1954 **Barbontensis.** Rich green foliage; 15 ft. Pkt. 5c, ½ oz. 15c.
1955 **Zanzibariensis, Superb Mixed.** A distinct class attaining great dimensions and producing a wonderful aspect with their enormous beautifully colored leaves. Comprising 30 beautiful sorts, a superb mixture. Pkt. 5c, ½ oz. 15c.
Collection. One pkt. each 6 numbers 25c.

ROSMARINUS (Rosemary)

- 1960 **Officinalis.** An old favorite aromatic herb, delightfully fragrant flowers light blue, grows about two feet high, should be planted in a warm, dry situation, and given a little protection. Pkt. 5c, ½ oz. 15c.

SALPIGLOSSIS (Velvet Flower)



Salpiglossis Emperor Grandiflora

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, are most vividly marked and delicately pencilled, which ripen in the early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost (See cut.)

- 1970 **Grandiflora Emperor Superbissima.** A special large flowered strain comprising exquisitely spotted, striped and brilliant ground colors of deep blue, rose, dark violet, light yellow, rich gold, reddish brown, scarlet, etc. Pkt. 10c, 3 pkts. 25c, ½ oz. 35c.

SAPONARIA (Bouncing Bet)

- 1975 **Vaccaria.** A pretty and useful annual variety, grows about 2 feet high and bears masses of salicy pink and scarlet flowers some like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Pkt. 5c, ½ oz. 30c.

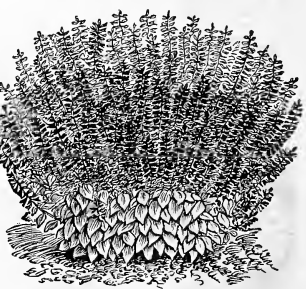
SCARLET RUNNER BEANS

- 1976 **Scarlet Runners.** A great favorite in England and Europe, not only as an ornamental climber, but for delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. Pkt. 5c, pint 35c, postpaid.

SALVIA (Flowering Sage)

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; blooming the first year from seed, which should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to the flower quarters when the weather has become settled and warm. May also be sown in the open ground in May.

- 1980 **Splendens.** (Scarlet Sage.) Bright scarlet; 3 ft. Pkt. 5c, ½ oz. 15c.
1981 **Bonfire.** (Clara Bedman.) True dwarf, brilliant scarlet; 2 ft. Pkt. 10c, ½ oz. 75c.
1982 **Patens.** (Blue Sage.) Very pretty sky-blue Salvia. Tender perennial. A beautiful plant for the border or greenhouse; 2 ft. Pkt. 25c.
1983 **Scarlet Queen.** (New early flowering.) The earliest to bloom, flowering 10 days in advance of any other sort. Very effective, forms a dense bush, branched from base to top. The very large and long flower-spikes of charming fiery scarlet appear in great multitude and continuously until the frost. Valuable pot plant, the best of all the dwarf; 18 inches. Pkt. 15c, 2 pkts. 25c, ½ oz. 75c.
1984 **Ball of Fire.** Fine new dwarf. Compact round even habit. Pkt. 15c, 2 pkts. 25c, ½ oz. 60c.
1985 **Zurich.** New compact dwarf, brilliant scarlet, very floriferous. Early bloomer; 2 ft. Pkt. 20c, 3 pkts. 40c, ½ oz. 75c.



Salvia Scarlet Queen

SENSITIVE PLANT

- 2030 **Mimosa Pudica.** Chaste and elegant in foliage, the leaves being delicately pinnated, while it bears small pink flowers in globose heads. It affords much amusement by its sensitive character—even when slightly touched the leaves instantly close and droop. The plant is a lover of warm weather and seed should not be planted until trees are out in full leaf; or they may be sown as early as in spring in a warm sunny window; 1½ ft. Pkt. 5c.

SILENE

- 2040 **Pendula Hybrids, Mixed, Single and Double.** An exceedingly effective garden annual; forming regular, compact round bushes 6 inches high, which during the early summer months, are covered densely with flowers of white, pink or red; for low beds, borders or edgings, it is very pretty; annual. Pkt. 5c.

SCABIOSA MAXIMA

(Mourning Bride, Sweet Scabious, Pincushion Flower, Egyptian Rose, etc.)

Firm favorites with many of our customers. Seed can be sown at any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, are very free bloomers, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting, for bouquets or designs.

IMPROVED LARGE-FLOWERED TALL DOUBLE VARIETIES



Scabiosa

- 2000 Giant White Gem. (Maxim. Levantian.) A new large double white; excellent for cutting; free bloomer. Very fine lovely flower; 2½ ft. Pkt. 10c.
- 2001 Rose Pink. Brilliant color, very effective. Pkt. 5c.
- 2002 Shell Pink. Pale pink. Pkt. 5c.
- 2003 Cherry Red. Superb rich color. Pkt. 5c.
- 2004 Fiery Scarlet. Intense color. Pkt. 5c., trade pkt. 15c., oz. 50c.
- 2005 Cherry Red and White. Very pretty, exceedingly attractive. Pkt. 10c.
- 2006 Black Prince. Enormous heads of purplish black, beautiful contrast with our Giant White Gem. Pkt. 10c.

beautified. A beautiful contrast with our Giant White

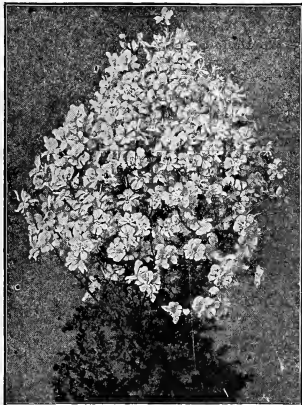
- 2007 Lavender. Pretty pale mauve. Pkt. 10c.
- 2008 Sulphur Yellow. Large flowers. Pkt. 10c.
- 2008A Queen Victoria. Rich purple-edged white. Pkt. 10c.
- 2008B Azure Fairy. Delicate pale blue. Very fine. Pkt. 10c.
- 2008C Caucasian Perfecta. (Blue Bonnet.) Charming large flowers in different shades of silvery lilac and white, beautifully fringed florets. Fine for cutting; continuous bloomer; hardy perennial. Blooms first season if sown in March. Pkt. 15c.
- 2008D Collection. 1 pkt. each 12 named sorts 50c.
- 2009 Superb Large Flowered Mixed. Pkt. 5c., oz. 50c.

SCHIZANTHUS—Large Flowering Hybrids

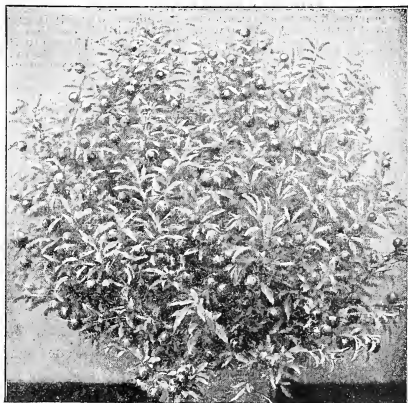
(Butterfly Flower, Christmas Orchid Flower, Fringe Flower)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plants a veritable pyramid of the most delicate and charming bloom. If a continuous show of bloom is desired, it will be well to make sowings of seed in a sheltered bed and transplant into the borders as required. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn. Florists will find much profit in handling this desirable flower.

- 2010 Papilionaceous Dwarf, Large-Flowered Hybrids, Mixed. Very free bloomer. Pkt. 5c., ¼ oz. 25c.
- 2011 Visetensis. Mixed. Compact white ground, variously marked with shades of pink, red, yellow, purple, and delicate rose. Plants should be well pinched back. Pkt. 25c.
- 2012 Grahami (Nivens). Pure snowy white, producing long flower stalks in great profusion. Fine for bouquets 2 feet. Fine for cutting. Pkt. 10c., ¼ oz. 25c.
- 2013 Grahami Hybrid, Large-Flowered. Handsome new type. Very compact strain, having long blooming varieties, with multitudes of white, rose, purple and blue. Quite suitably marked and beautifully spotted delicate pink, yellow and purple flowers, on white ground. Particularly valuable for pot culture and greenhouse decoration. Flowers very lasting. Pkt. 15c., ¼ oz. 50c.



Schizanthus



Solanum Robustum Miniaturum

SOLANUM (Jerusalem Cherry)

Very serviceable during late fall and winter in the conservatory and table decorations during Christmas holidays. Sow in the house in early spring, pot off and plant outside in May and lift and pot up in September; or sow in the open ground in May.

- 2020 Robustum Miniaturum. (Coral Cherries.) Very numerous small, bright scarlet fruits. Fruits remain in fine condition for weeks. The best compact sort for pot-culture. A first-class novelty for the conservatory. 1 pkt. each 12 named sorts 50c.
- 2021 Capsicastrum Nanum. Bright red fruits; 1 ft. Pkt. 10c., 3 pkts. 25c.
- 2022 SMILAX (Myrsiphyllum Asparagoides) In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. Pkt. 10c., ¼ oz. 25c.

STEVIA

- 2025 Serrata. A tender perennial, blooming the first season, in great favor for cutting purposes. Producing numerous large heads of small white delightfully fragrant flowers of very graceful effect; suitable for pot-culture; flowering in winter, or, if sown early, will bloom in the garden the first summer; 1½ ft. Pkt. 10c., ¼ oz. 25c.

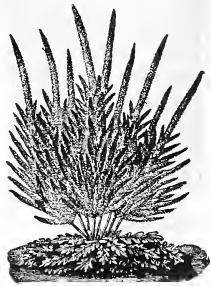
STATICE

A beautiful class of showy perennials, of easy culture, blooming the first year, producing erect spikes or sprays of flowers in remarkable profusion, useful alike for cut flowers or as everlasting for winter bouquets.

- 2131 Mixed. Comprising beautiful shades of light rose, dark rose, blood red, white, lilac and dark blue. Pkt. 10c., ¼ oz. 30c.

SWEET SULTAN

- 2275 Centaurea Magarita. A new species of ravishing beauty, and particularly valuable as a cut flower. The large shining white blossoms are much larger than those of any other and are the very essence of purity. It is most deliciously scented, with long flower stalks, and when cut will last in water two weeks. In this respect it excels any other annual we can call to mind. Beautiful shades of white, blue, purple and yellow; annual; 18 in. See numbers 592 to 597 for separate sorts. Pkt. 10c., ¼ oz. 25c.



Statice

SWAINSONIA

- 2022 Alba. Is becoming a very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white; produced in sprays of 15 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming tender perennial. Pkt. 10c., 3 pkts. 25c.

Special Rates on Flower and Vegetables Seeds in Packets or Ounces Only

This offer is by mail, postage paid by us to any Post Office in America.

- \$1.00 buys \$1.50 worth of vegetable or flower seeds in packets or ounces
\$2.00 buys \$3.00 worth of vegetable or flower seeds in packets or ounces
\$3.00 buys \$4.50 worth of vegetable or flower seeds in packets or ounces
\$5.00 buys \$7.50 worth of vegetable or flower seeds in packets or ounces
only when the money is remitted with the order

STOCKS OR GILLFLOWERS

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good, rich soil to grow in, and will amply reward good treatment with remarkably large pyramids of bloom. Our strains of Ten Weeks Stocks are greatly improved over the Gillflowers of olden times, the flowers being much larger and more densely double, and there is also a much larger variety of colors and shades than there used to be.

The seed offered of the following races has been saved exclusively from plants cultivated in pots, thus securing the largest and most double form of flowers.

MOORE'S NEW GIANT-FLOWERING, BRANCHING EMPEROR STOCK—EARLY BLOOMING

A magnificent new Early Ten Weeks stock without a rival for cut flowers or decorative purposes. Remarkably well adapted for open ground, bench or pot culture; seed can be sown at any season of the year. This type is very distinct in growth, 20 inches high, producing truly mammoth, highly fragrant flowers of great substance $\frac{1}{2}$ inches across in great profusion, on stems often $\frac{1}{2}$ feet in length. It is not uncommon for plants to remain in bloom for 18 months, producing as many as twenty-five long, beautiful sprays in the meantime. Of great value for cutting. By the application of liquid manure splendid specimens may be obtained, and 80 per cent. should show doubles. Very profitable for the florist and great pleasure for the amateur.

- 2100 Snow White. A beautiful clear shining white. Producing many lateral shoots giving it the appearance of a magnificent bouquet. Long bloomer. Pkt. 30c.
 2101 Violet Queen. Exquisite shade, fine large flowers. Pkt. 20c.
 2102 Delicate Rose. Large spikes, extra. Pkt. 20c.
 2103 Carmine Rose Beauty. Probably the most remarkable of all this class. Produces numerous branches covered with a wealth of superb double highly fragrant flowers of a magnificent carmine rose. Well-grown specimens will measure two feet across. Pkt. 20c., 3 pkts. 50c.
 2104 Deep Little. Suffused with rose; fine sort, huge spikes. Pkt. 20c.
 2106 Primrose Yellow. Good substance; extra fine. Pkt. 15c.
 2107 Christmas Pink. Strong spikes, splendid large blooms of day-break pink, beautiful. Pkt. 20c.
 2108 Bicolor. White splashed with carmine. Pkt. 20c.
 2109 Blood Red. Very brilliant color; superb variety. Pkt. 20c.
 2110 Moore's Superb Mixed. Including all the above rich colors. Pkt. 20c.
 2118 Princess Alice. (Cut and come again.) Pure white. Pkt. 10c., oz. \$3.00. Collection. One pkt. each 9 named varieties \$1.00.

SUNFLOWER (Helianthus)—Continued

- 2092 Hardy Perennial, mixed. Many charming sorts. Contains the finest single-flowering hardy perennial sorts, including such varieties as Maximiliana, Miss Melish, Orgueil, Tomentosa, etc. Seeds sown early will produce flowering plants the first year; as subjects for hardy border as well as for cutting they are of great value. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 2093 Sulphur Gem. Fully round huge flowers; very double, saffron; 6 ft. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
 2094 Globe of Gold. A new double dwarf annual Sunflower, forming a well-branched plant not exceeding 40 inches in height. Each of the numerous branches carries on its summit a large, densely double, globe-shaped flower of deep, rich, golden yellow color (see cut). Pkt. 5c., $\frac{1}{2}$ oz. 25c.
 2095 Mixed. The above and many other sorts. Pkt. 5c., oz. 25c.



Globe of Gold Sunflower

Sweet William

SWEET WILLIAM—Large Flowered (London Tufts)

This old and popular flower has been greatly improved the last few years. The flowers are twice as large as they used to be, and the colors bright and varied; hardy plants about a foot high, of extreme richness and variety of color and also deliciously sweet-scented; for clumps or borders, no plant can surpass this old favorite. While it is a highly perennial it is much better to grow it from seed every year. (See cut.)

SINGLE VARIETIES

- 3050 White. Enormous trusses. Pkt. 5c.
 3051 Intense Scarlet. Pkt. 5c.
 3052 Pheasant's Eye. Crimson shades with clear white eye. Pkt. 10c.
 3053 Ocellus Marginatus. Diadem. Enormous trusses of extremely large flowers of most beautiful shades margined and ocellated with clear white. Superb variety. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 3054 Rich Crimson. Rich, bright color; dark foliage. Pkt. 5c.
 3055 Pink Beauty. Newport Pink. Large trusses of handsome, rich, salmony rose-colored flowers, many showing semi-double. Pkt. 15c.
 3056 Salmon. Various tints of rich pink. Pkt. 10c.
 3057 Harlequin. Many bright shades checked white. Pkt. 5c.
 3060 Superb Single Mixed. All the above and many other large-flowered, brilliant-colored, conspicuous varieties. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
 3062 Giant Perfection Double Mixed. New, large, brilliant colors of white, salmon, red, cerise and deep pink, brilliantly margined and striped, and ocellated. Many flowers over one inch in diameter. Magnificent strain: $\frac{1}{2}$ ft. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 3065 Collection. Nine pkts., each named sort including double 60c.

SWAN RIVER DAISY (Brachycome)

- 360 Iberidifolia, mixed. Blue and white; 6 in. Pkt. 5c., large pkt. 20c.

THUNBERGIA (Black Eyed Susan)

Beautiful rapid-growing climbers; the flowers are very pretty, and are borne profusely during the season; fine for vases, rustic-work, or greenhouse culture. 4 feet.

- 2132 White; Black Eye. Pkt. 5c.
 2133 Orange; Black Eye. Pkt. 5c.
 2134 Buff; Black Eye. Pkt. 5c.
 2135 Pure White. Pkt. 5c.
 2136 Mixed. Pkt. 5c., $\frac{1}{2}$ oz. 25c.

TORENIA

A very fine annual; a beautiful plant for vases, hanging baskets or edgings, being covered the entire season with bloom; excellent greenhouse plant.

- 2138 Bailloni. Bright golden; red throat. Pkt. 10c.
 2140 Founieri Maxima. Beautiful; very large porcelain-blue and rich violet; throat bright yellow; very large, free flower. Pkt. 10c.
 2141 Lindenii Hybrids. Beautiful hybrids of Founieri Maxima, with large flowers of white, porcelain, dark violet, light blue, yellow and brown; best for pots. Very fine. Pkt. 25c.
 2143 White Wings. This variety is unusually attractive, with large pure white flowers, with flush of rose at the throat. Pkt. 10c.
 One pkt. each 4 sorts 40c.

Torenia Lindenii Hybrids



Stock-Giant-Flowered Double Wallflower-leaved Dwarf, No. 2125

continuous bloomers. These stocks are admirably suited for the conservatory and exceedingly fine for exhibition. About 20 inches.

- 3000 White Queen. Massive spikes of lustrous snowy white. Strikingly large and very double flowers. Pkt. 30c.
 3001 Bright Scarlet. Splendid color, superb variety. The whole plant produces a magnificent pyramidal bouquet. Pkt. 20c.
 3002 Salmon Beauty. Brilliant rose salmon, fine. Pkt. 20c.
 3003 Sapphire. Remarkably fine blue; branches freely. Pkt. 20c.
 One pkt. each 4 colors 60c.

SUNFLOWER (Helianthus)

- Remarkable for the stately growth, size and brilliancy of their flower, making a very good effect among shrubbery and for screens; hardy annuals.
 2080 Thousand-Flowered. This new Sunflower often grows 12 to 15 feet high, and from base to summit bears hundreds of branches bearing a multitude of medium-sized golden yellow flowers with small black centres; as specimens in the garden they are very effective. Pkt. 10c., oz. 30c.
 2091 Miniature Sunflower—"Stella." The flowers are only about three inches across, golden yellow, with black centres; they are gracefully poised on long stems rendering them of value for cutting. The plants produce an abundance of bloom from June until frost; the plants grow 3 to 4 feet high. Pkt. 5c., $\frac{1}{2}$ oz. 15c.

Moore's Superb Giant-Flowered Sweet Peas

THE CREAM OF THE BEST NAMED VARIETIES

HOW TO GROW SWEET PEAS

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are at all heavy or sticky, and in the autumn, and during the winter months a good dressing of hardwood ashes or air-slaked lime should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

They should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about six inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. As soon as the plants are above the trench the balance of the soil may be filled in. They should be staked up either with branches of hush or stout stakes on which wire netting has been fastened. During dry weather they should be watered frequently and given an application of liquid manure once a week.

MOORE'S LARGE-FLOWERING WINTER OR CHRISTMAS SWEET PEAS

A distinct or valuable new class for greenhouse forcing; the flowers are of fine size and long, strong stems.

- 4000 Moore's Earliest White. Very free bloomer; commencing in about 45 days; paper white, fine large flowers. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.
 4002 Moore's Pink and White. Extreme early, very fine. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.
 4004 Moore's Salmon Pink. Large flowers. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.
 4006 Moore's Rose Pink. A gem; deep color. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.
 4008 Moore's Lavender Gem. Refined shade. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
 4010 Moore's Rich Scarlet. Superb color. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.
 4012 Moore's Queen of Pinks. Very fine shade. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.
 4014 Moore's Primrose Gem. Rich primrose tint. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
 4016 Moore's Navy Blue. Ultramarine blue; extra. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.
 4018 Pink Edwinstan. Charming, bluish pink. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
 4020 Miss Helen Gould. Pure white, marbled lilac. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.
 Collection, 10 pkts. 1 each sort 75c.
 " " 10 pkts. 1 each sort \$2.25.

SPENCER OR GIANT ORCHID-FLOWERED AND FRILLED SWEET PEAS

- 4060 White Spencer. Immense flower. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4062 Lavender Spencer. Tinted Mauve. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4064 Bright Blue Spencer. Purple wings, fine. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4066 Rose Pink Spencer. Charming flower. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4068 Picotee Spencer. White edge rose. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4070 White Queen Spencer. Elegantly frilled. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
 4072 Light Lavender Spencer. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4074 Daisy Spencer. Beautiful white and pink. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4076 King Edward Spencer. Fine scarlet. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
 4078 Red Spencer. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4080 Salmon Pink Spencer. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4082 Blush Pink Spencer. Delicate. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4084 Dark Blue Spencer. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.
 4086 Superb Mixed. Extra fine. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

EXTREMELY EARLY BLOOMING VARIETIES OF SWEET PEAS FOR OPEN GROUND CULTURE

These varieties will commence to bloom when about 12 inches high, and will produce flowers in great profusion three weeks ahead of different other older types. These are real money makers for those who plant them.

- 5000 Earliest White. Pure ivory white. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 5002 Earliest Red and White. Large flower. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 5004 Earliest Bright Red. Fine shade. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5006 Earliest Pale Blue. Delicate shade. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c.
 5008 Earliest Dark Rose. Attractive color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5010 Earliest Pink. Pure pink. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5012 Earliest Salmon Rose. Rich color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5014 Earliest Navy Blue. Extra. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5016 Earliest Deep Blue. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.
 5018 Picotee. White margined rose. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.
 Collection, 1 pkt. each 10 numbers 70c.
 Collection of 1 ounce each 10 numbers \$1.35.

SPECIAL MIXTURE SWEET PEAS

- 5030 Moore's Special Mixture of Giant Orchid and Frilled Orchid Flowered. Composed of the handsomest novelties recently introduced, including twelve of Eckford's choicest new varieties of last and this year's introduction. The flowers of this magnificent collection are unique in beauty and size, and should be planted by all who wish the best. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50, postpaid.

SPECIAL MIXTURE SWEET PEAS—Continued

- 5081 Moore's Superb Mixed Giant-Flowered Spencer and Unwin Types. This is absolutely the finest mixture that can be made of the giant hybrid class and comprises many new shades, such as striped, flaked, speckled, mottled, and many beautifully edged, bluish cerise, blood red, lilac, straw, orange, lemon, pearl pink, chamois white, rose orange, blue, indigo, etc., embracing upwards of fifty finest sorts. Pkt. 6c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00, postpaid.
 5040 Eckford's Superb Mixed. This mixture has many exceedingly choice varieties of this famous sweet pea hybridizer and will give excellent satisfaction. Pkt. 6c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c., postpaid.

TRITOMA

(Red Hot Poker Plant or Torch Flower)

- 2144 Uvaria Grandiflora. Splendid hardy perennial plants; blooming the first year from seed if sown early; remarkably adapted for single clumps on the lawn or among shrubbery, where its tall spikes of orange-red flowers make an effective display from August until December; 4 to 5 feet; (see cut). Pkt. 10c., 3 pkts. 25c.

VALERIANA

(Hardy Garden Heliotrope)

- Very showy border plants, or for mixing with shrubbery; growing in any garden soil doing well in the shade; producing large corymbs of flowers with a strong bell-shaped odor, mixed with heliotrope; hardy perennial; 2 ft.
 2145 Mixed. Bright red, rose, scarlet and white. Pkt. 5c., $\frac{1}{4}$ lb. 30c.

VERONICA (Speedwell)

- 2146 Spicata. An elegant hardy perennial border plant, growing about 18 inches high, bearing all summer long spikes of bright blue flowers, which lengthen with age. Pkt. 10c.

Tritoma—Red Hot Poker

VERBENA

Moore's Giant-Flowering, American Grown, Extra Quality

- We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest giant size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.
 2279 Giant Futchiana. A fine, very large-flowered, highly improved type of richly-colored purple and handsomely ocellated sorts. Pkt. 20c., $\frac{1}{4}$ oz. \$1.00.
 2280 Giant White. Very large, numerous pure-white trusses. Pkt. 10c.
 2281 Giant Pink and Rose. Beautiful shades. Pkt. 10c.
 2282 Giant Scarlet. Brilliant. Excellent for bedding purposes. Pkt. 10c.
 2283 Giant Crimson, White Eye. Beautiful rich shade. Pkt. 15c.
 2284 Giant Blue. Fine light and dark shades. Pkt. 10c.
 2285 Giant Mixed. Very large, numerous pure-white trusses. Pkt. 10c.
 2286 Giant French, Striped. Saved from a rich collection of carnation-striped flowers. Pkt. 10c.
 2287 Mammoth, Mixed. Extra quality. Pkt. 10c., $\frac{1}{4}$ oz. 40c.
 2288 Choice Mixed. A good grade. Pkt. 5c., $\frac{1}{4}$ oz. 25c.
 Collection of Giant Verbenas, 7 named colors, 60c.

VARIOUS VERBENAS

- 2289 Lemon Verbena. (*Aloysia Citrifolia*). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower.
 2290 Erinodies. (*Moss Verbena*). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are born hundreds of purplish blue blossoms in leafy profusion; comes into flower in June and continues until frost. For heds, baskets or rockeries it is highly desirable. Pkt. 10c., 3 pkts. 25c.

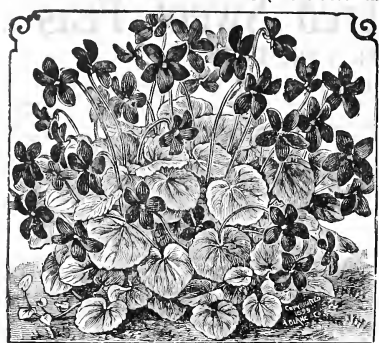
VINCA (Madagascar Periwinkle, or Old Maid)

- Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water; 2 ft.
 2150 Rose. Crimson eye. Pkt. 10c., $\frac{1}{4}$ lb. 30c.
 2151 White. White, crimson eye. Pkt. 10c., $\frac{1}{4}$ lb. 30c.
 2152 Rosa Alba Pura. Pure white. Pkt. 10c., $\frac{1}{4}$ lb. 30c.
 2153 Delcaine. Fine white, crimson eye. Pkt. 30c., 3 pkts. 30c.
 2154 Rosea, Mixed. Well assorted. Pkt. 10c., $\frac{1}{4}$ lb. 35c.

VIOLET

(Viola Odorata)

- Well-known, fragrant, early spring-blooming, hardy perennials; thriving best in a shady situation, in a rich, deep soil. Easily raised from seed and quite hardy.
 2155 Double White. Large flower; good forer. Pkt. 15c.
 2156 Prince of Wales. Rich violet, intensely fragrant. Pkt. 10c.
 2157 Blue California. Large, single purple flowers, when well grown as large as silver dollars, and deliciously fragrant. Excellent for forcing. Pkt. 15c., 2 pkts. 25c.
 2158 Golden. Large flower; superb variety. Pkt. 15c., 2 pkts. 25c.
 2159 Mixed. Twelve beautiful sorts. Pkt. 10c., 3 pkts. 25c.

VIOLAS OR TUFTED PANSIES (*Viola Corunta Grandiflora*)

California Violet. No. 2156

as the snow is off the ground.

- 3100 **Giant White.** Pure white, faintly pencilled. Pkt. 10c.
 3101 **Giant Yellow.** Flowers of immense size and substance. Pkt. 10c.
 3102 **Paris Gem.** Rose and mauve, blotched, fine. Pkt. 15c.
 3103 **Thuringia.** (New.) Upper petals a deep violet purple; the three lower, pure blue with large white centre. Very showy. Pkt. 20c.
 3104 **Paris Market, new.** (Pansy violets.) The flowers are strikingly varied, and many are deliciously fragrant. It is a cross between *Viola Corunta* and *Olorata*. Producing flowers on long stalks, which appear early in the spring until late in autumn. They make splendid pot as well as garden plants. The range of color runs through white, buff, canary, azure blue, dark blue and mauve, all of which are exceedingly delicate and charming. A most important novelty. Pkt. 10c., 3 pkts. 25c., $\frac{1}{2}$ oz. 50c.
 3105 **Superb Mixed.** Saved from finest new varieties. Pkt. 10c., $\frac{1}{2}$ oz. 50c.

VIRGINIAN

STOCK

- (*Cheranthus Cheri*)
 2291 **Mixed.** Charming dwarf annuals, with bright-colored red, yellow, crimson and white flowers, making the garden gay in early summer; $\frac{1}{2}$ ft. Pkt. 5c., $\frac{1}{2}$ oz. 30c.

WHITLAVIA

- 2300 **Grandiflora, mixed.** White and blue. Easily grown from seed in the open ground. Very pretty, free and continuous bloomer; annual; 1 ft. Pkt. 5c., large pkt. 15c.



Whittavia

WALLFLOWER

- 2292 **Single, Large-Flowering, Early Mixed.** Extra quality; six of the most brilliant colors; blooming freely in four months from sowing. Pkt. 10c., $\frac{1}{2}$ oz. 25c.
 2293 **Fire King.** Rich, vivid orange-scarlet, expanding into a rich, bronzy yellow. Very showy single. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 2295 **Double, Large-Flowering, Branching, Superb, Mixed.** Finest double dwarf branching, comprising rich yellow, bronze, brown, violet, white and blood-red. Biennial. Pkt. 10c., $\frac{1}{2}$ oz. \$1.00.



Single Wallflower Fire King

XERANTHEMUM

(Everlasting or Immortelle Flower)

One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing readily in any open, sunny position; in bloom from early summer till frost. Mixed colors. (See cut.)



- 2240 **Superbissimum, white and rose, mixed.** Very large, hand-some, double, globe-shaped flowers; annual; 2 ft. Pkt. 10c.



Xeranthemum

YUCCA (Adam's Needle)

A stately plant, with large clusters of creamy white bell-like flowers on tall stems; fine specimen plant for lawns or borders; hardly perennial.

- 2245 **Yucca Filamentosa.** White; 3 feet. Pkt. 10c.

MOORE'S SUPERB ZINNIAS

(Youth and Old Age)

Our Zinnias have for years been the admiration of all who saw them, and have never failed to take first prize whenever or wherever exhibited, but we believe we are still further improving them every year. A bed of Zinnias makes a grand show, and is always greatly admired, being constantly in bloom from the last of June until killed by frost.

LARGE-FLOWERING, DOUBLE DWARF, COMPACT

- 2360 **Fireball.** Bright, fiery scarlet. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2361 **Rich Scarlet.** Free bloomer. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2362 **Salmon Rose.** Fine rose pink. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2363 **Royal Purple.** Dark, rich shade. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2365 **Snowball.** Beautiful clear white. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2366 **Cloth of Gold.** Finest yellow. Pkt. 10c., $\frac{1}{2}$ oz. 30c.
 2367 **Superb, Mixed.** Composed of eight beautiful varieties. Pkt. 10c., $\frac{1}{2}$ oz. 30c.

DOUBLE GIANT SHOW ZINNIAS

The great interest awakened among our customers last year by the advent of the true double Giant Zinnias in separate colors is an evidence that as cordial a welcome will be accorded to the other fine new and distinct varieties which we are introducing this season of these splendid show annuals. They have been made the object of a thorough selection, and will produce huge and very double blooms of $\frac{1}{2}$ to 6 inches in diameter. We can therefore now offer a grand assortment of 8 distinct colors of this special race of Double Giant Zinnias, which all come fairly true from seed, and by blooming freely and late into the autumn will be found to render invaluable service where showy groups and borders are desired.



Zinnia-Bouquet

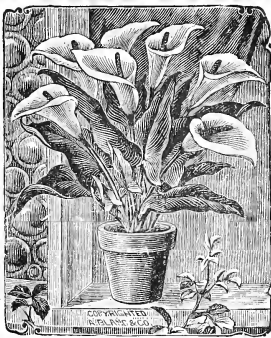
- 2370 **Giant, White.** Pkt. 15c., 2 pkts. 25c.
 2371 **Giant Golden Yellow.** Pkt. 15c., 2 pkts. 25c.
 2372 "Scarlet. Pkt. 15c., 2 pkts. 25c.
 2373 "Shell Pink. A great favorite. Pkt. 15c., 2 pkts. 25c.
 2374 "Violet Purple. Fine, rich shades. Pkt. 15c., 2 pkts. 25c.
 2375 "Double Buff. Highly decorative. Pkt. 15c., 2 pkts. 25c.
 2376 "Mixed. Comprising beautiful shades of scarlet, gold, salmon, rose, crimson, orange, gold-striped, etc.; Pkt. 10c., $\frac{1}{2}$ oz. 30c.

VARIOUS CHOICE ZINNIAS

- 2380 **Zebra, or Carnation Striped.** A very pretty strain of striped flowers; as the colors vary on each plant, they present a curious as well as beautiful appearance. Pkt. 5c.
 2382 **Bouquet.** Dwarf, compact bushes, bearing very small, perfect double, pompon-shaped flowers of the brightest colors, which profusely cover the plants during the entire summer and until frost. The flowers are charming for bouquets or pots; 1 ft. Pkt. 10c.
 2384 **Curled and Crested, Mixed.** A beautiful strain of this popular plant, the petals being twice curled and crested into the most fantastic and graceful forms. The bright colors comprise all the beautiful shades characteristic of the Zinnia. 15 in. Pkt. 10c.
 2386 **Moore's Superb, Mixed.** Comprising all the above beautiful varieties carefully blended. Pkt. 10c., $\frac{1}{2}$ oz. 50c.
 2388 **Fine Mixed.** Good varieties. Pkt. 5c., $\frac{1}{2}$ oz. 50c.

Beautiful Summer Flowering Bulbs and Roots

All our bulbs are of highest quality, and are mailed, postpaid, at prices quoted. If sent by express, extra large bulbs are selected.



Begonias, Giant Flowering, Double

Caladium—Elephant's Ear

Black Calla

Little Gem Calla

Tuberous Begonias. These are now the most popular plants for beds of summer flowers, or as pot plants for the greenhouse, conservatory or sitting room. Our bulbs are all sound, well matured and of good size. For a time it was generally supposed these could not be grown in the open air with success, but extensive plantings of them in various sections of the country have demonstrated their adaptability for this purpose. Nothing can exceed the brilliancy and richness of their flowers. From the time the first blossom appears until all growth is stopped by frost they are never out of bloom.

Caladium Esculentum (Elephant's Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

Monster, 50c, each, \$5.00 per doz.

Mammoth bulbs, 25c,

each, \$2.50 per doz., \$15.00

per 100.

Large bulbs, 15c, each,

\$1.50 per doz., \$10.00 per

100.

First size bulbs, 10c,

each, \$1.00 per doz., \$7.50

per 100.

Wanted by mail, add 5c,

8c, 10c, 15c, and 25c, each,

according to size, for postage.

Double Begonias		
	Each Doz.	100
Crimson	\$0.15	\$1.50 \$10.00
Orange	.15	.50 10.00
Pink	.15	1.50 10.00
Scarlet	.15	1.50 10.00
White	.15	1.50 10.00
Yellow	.15	1.50 10.00
Mixed	.12	1.20 8.50

Single Begonias		
	Each Doz.	100
Crispa, Crink., mix.	\$0.20	\$2.00 \$15.00
Crimson	.10	1.00 6.00
Orange	.10	1.00 6.00
Pink	.10	1.00 6.00
Scarlet	.10	1.00 6.00
White	.10	1.00 6.00
Yellow	.10	1.00 6.00
Mixed	.07	.70 5.00

New Frilled Tuberous Begonias. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. We can supply in red, white, pink and yellow. 25c, each, \$2.50 per doz.

Callas

LITTLE GEM CALLA. A new plant of unusual beauty and value. Growing only 8 or 10 inches in height, producing freely large beautiful blossoms, which are borne on long stems well above the foliage. It is one of the most unique plants in cultivation and creates a perfect sensation wherever it is seen. Strong plants each 15c, 4 for 50c, \$1.50 per doz.

SPOTTED LEAF CALLA. This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white. It makes a fine thing for planting in the garden in the summer. Each 10c, 3 for 35c, extra size, each 20c, 3 for 50c.

BLACK CALLA. It is claimed to have been introduced from Egypt into the Holy Land by King Solomon. Each 15c, 3 for 50c, extra large bulbs 25c, 5 for \$1.00.

RED CALLA. Immense purplish-red flower. Each 25c, doz. \$2.50.

Cinnamon Vine. A most beautiful and satisfactory hardy climber for covering trellis, piazzas, screens or anything on which the vines can twine; it grows from 15 to 30 feet high, and when the roots become large and established, the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers are borne in clusters and, while insignificant, they emit a most delightful cinnamon like perfume. The roots are thoroughly hardy, remain in the ground for years, increasing in size and vigor, but the vine dies down every winter, shooting up with great rapidity in the spring. Price, extra large 2-year old roots, 15c, each, \$1.50 per doz.; strong 1-year-old roots, 10c, each, \$1.00 per doz., \$7.00 per 100.



Dicylra, Spectabilis (Bleeding Heart)

Dicylra, or Dientra

SPECTABILIS (Bleeding Heart, or Seal Flower). An old-fashioned favorite; its long racemes of graceful, heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. 30c, each, \$1.00 per doz., \$10.00 per 100, extra large blooming roots, each 25c, doz. \$2.50.

Moore's Superior Tuberoses

The one flower the rich man must have and the poor cannot do without. We all love its massive spikes, thick, waxen blooms of rich, creamy whiteness, and its deep, delicious fragrance. How often has this sweet flower, that might have bloomed in Paradise, been placed upon the cold forms of those whose spirits have gone to fairer fields. Plant a good big lot of them for cutting, and if you will pot those which are in bud about the time frost is expected, they will bloom elegantly in pots for a long time; often till Christmas.

Excelsior Dwarf Pearl. This is the finest flower of all Tuberoses. First size, each 5c; doz. 35c; 100 \$2.00. Selected Mammoth Bulbs, each 10c, doz. 60c; 100 \$1.00. Medium size, doz. 20c; 100 \$1.50.

Madeira Vine

The old favorite, "Climbing Mignonette." So much prized for porches and arbors, on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. 5c, each, 50c, per doz., \$3.50 per 100. Mammoth roots, each 10c, \$1.00 per doz., \$7.50 per 100.



Excelsior Dwarf Pearl Tuberose

Oxalis

Summer flowering. Valuable for borders and baskets. Set the bulbs about 3 inches apart, and the foliage will produce an unbroken mass richly adorned with flowers. These are also splendid for pot culture. Planted 5 or 6 in a pot they are very ornamental and produce flowers in considerable succession.

SHAMROCK. Lovely pink blossoms and clover-like foliage.

DIEPPE. Pure white; fine.

LASANDRIA. Fine rosy-pink; beautiful cut foliage.

Large bulbs of the above 15c, per doz., 25 for 35c., 60 for 40c. 100 for 75c., postpaid.

Moore's Superb New Dahlias for 1917

Dahlias are now the most popular summer and autumn flower. The collections we offer are the very "best by test" of both the new and standard sorts selected from hundreds of varieties. They are very large, finely formed, bright-colored and, above all, early and continuous bloomers, being in bloom the entire season until killed down by frost. They are the best Dahlia Value in the country, and will give the greatest satisfaction to the amateur growing them for pleasure and to the commercial florist as a cut flower money-maker. Prices quoted are postpaid. If sent by express at purchaser's expense larger roots will be selected.

DOUBLE GIANT EARLY FLOWERING DAHLIAS

A. D. LIVONI. Pure soft pink, of exquisite form, with quilled petals; plant dwarf, branching; an early, free and continuous bloomer. Height 3 feet.

ARABELLA. A lovely variety; soft primrose shaded and tipped pink; large and fine form. One of the best. Height 3½ feet.

BON TON. Large, bright glistening crimson; very fine. Height 3½ feet.

CRIMSON GIANT. Very large; rich crimson. Vigorous and branching. Height 5 feet.

C. W. BRUTON. Very large; color pure canary yellow. The flowers are of perfect form, with long, graceful stems 2 to 3 feet long. The plant is a strong, vigorous grower and an early and profuse bloomer. Height 5 feet.

FANNY PURCHASE. Rich golden yellow; of compact ball form; entirely distinct from above; an early and free bloomer, with long stems. Height 4 feet.

FRANK SMITH. Rich velvety maroon shaded carmine, tipped white; beautifully formed; striking. Height 5 feet.

GRAND DUKE ALEXIS. Immense size; 6 to 8 inches in diameter when well grown. The flowers are beautifully formed with quilled petals. Color pure white tipped with rose pink lake. A strong growing plant and profuse bloomer. Should be in every collection. Height 5 feet.

LEMON GIANT. Immense flowers; 6 inches in diameter; beautiful form, perfectly full to the centre. Color clear lemon yellow. Height 5 feet.

LYNDHURST. Vivid crimson scarlet. One of the brightest shades of red and seldom seen, making it one of the most valuable dahlias. Flowers are large and of perfect form. Height 4 feet.

MARY D. HALLOCK. Canary yellow shaded deep golden yellow. Flowers of perfect form, with quilled petals. Very fine and pleasing. Height 4½ feet.

MAID OF KENT. Bright cherry red, tipped snow white. Sometimes the flowers are solid red, when it is as rich as otherwise striking. A good grower, free bloomer and a great favorite. Height 4 feet.

MME. MOREAU. Very large; of round, compact form and deep rose pink color. The plant is sturdy and vigorous, blooming early and freely on long, stiff stems. Valuable for cutting. Height 5 feet.

MISS DODD. Very large. Color is the purest canary yellow. Height 5 feet.

MISS MAY LOMAS. Exquisitely delicate and chaste; white suffused soft rose lake. Flowers of finest form and finish and borne on long, erect stems in great profusion. One of the best. Height 5 feet.

NYMPHETEA. Another lovely flower. Color softest pure seashell pink, tinting to white at the centre. Beautiful white lily form. Early and very profuse bloomer. Height 4 feet.

ORLANDO. Large and fine, with long stems; buff yellow, tipped red. An early and profuse bloomer. Height 5 feet.

PERLE D'OR. Snow white. Open, erect form and a free bloomer on long stems.

QUEEN OF YELLOWS. Very large, pure canary yellow. An early and extremely profuse bloomer. Height 3½ feet.

RUBY QUEEN. Ruby red richly shaded. A beautifully formed flower, resembling a full-blown merican Beauty rose and can be cut with nearly as long stems. Height 5 feet.

RED HUSSAR. Rich glowing cardinal. Flowers are large and finely formed. A very strong, vigorous grower of branching habit. Height 5 feet.

SYLVIA. Bright rosy pink, tinting to white at the centre; large finely formed flowers, borne profusely on long erect stems. Height 4½ feet.

WHITE SWAN. Large, pure white of beautiful form; flowers borne profusely on long stems. Height 4½ feet.



MAID OF KENT

WM. AGNEW. Very large; rich crimson scarlet; an early and extremely profuse and continuous bloomer. Height 4 feet.

ZULU. The black dahlia. Rich velvety maroon shaded jet black. Height 3 feet.

Price of all strong field-grown roots 15c. each, \$1.50 per doz. Set of 20 Double Giant Early Flowering Dahlias for \$2.50, by mail, postpaid.

SUPERB NEW CACTUS DAHLIAS

AEIGRI. Rich, glowing red; long twisted incurved petals. Height 4 feet.

GABRIEL. Soft scarlet, tipped white; flowers very large, with long incurved, twisted, pointed petals; solid color. Height 4 feet.

WM. AGNEW

of the finest formed; distinct and striking. Sometimes solid color. Height 4 feet.

KEYNES WHITE. Still the best white cactus dahlia. Flowers large, fine form, full to the centre. A strong, vigorous grower and profuse bloomer. Height 5 feet.

KREMHILDE. The finest of all pink cactus dahlias, and more largely grown than any other. Flowers of beautiful cactus form, long pointed petals; always full to the centre. Color bright rose pink, tinting to white at the centre, and will keep, when cut, longer than any other cactus dahlia, making it the most valuable for bouquets or commercial cut flower purposes. It is a good bloomer and a strong, vigorous grower. Height 4 feet.

MRS. H. J. JONES. Bright scarlet, heavily tipped white. Large, beautiful form. A strong grower and profuse bloomer. Height 5 feet.

MRS. JOWETT. A fine deep orange.

MRS. MAWLEY. Very large, full. Light yellow. Very long narrow petals.

REV. D. R. WILLIAMSON. Beautiful rich glowing crimson, shaded maroon. Long, twisted, incurved petals. Height 4 feet.

Prices. Strong field-grown roots 15c. each, \$1.50 per doz. Set of 3 for \$1.60, by mail, postpaid.



HOHENZOLLERN

GIANT FLOWERING OR CENTURY DAHLIAS

20th CENTURY. The greatest acquisition in dahlias, and the only single type worthy of general cultivation. Flowers of immense size—6 to 7 inches in diameter. Color pure white, with broad band of crimson. As the season advances the deep color changes to a beautiful pink, when it is most exquisitely lovely. Height 5 feet. Strong roots 15c. each, \$1.50 per doz.

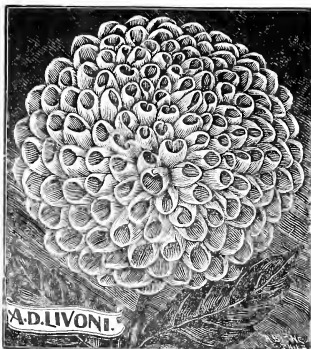
GIANT CENTURY SEEDLING. A new race of dahlias originated by Mr. Peacock—originator of the 20th Century. They are very large; 6 to 8 inches across, of finest forms, colors and finish; while the plants are strong, of branching habit, producing the giant flowers in greatest profusion, on long stems, making them invaluable as blooming plants, or for cut flowers. This giant type will surpass all of the old classes of Century Dahlias, as they embrace all colors, and there will be no need for growing the small single flowers. We offer them in eight distinct colors: White, Shell Pink, Rose Pink, Yellow, Red, Purple, Maroon, and variegated. Prices: strong field-grown dahlias 25c. each, \$2.50 per doz. by express or freight, purchased paying charges.

DOUBLE DAHLIAS UNDER COLOR

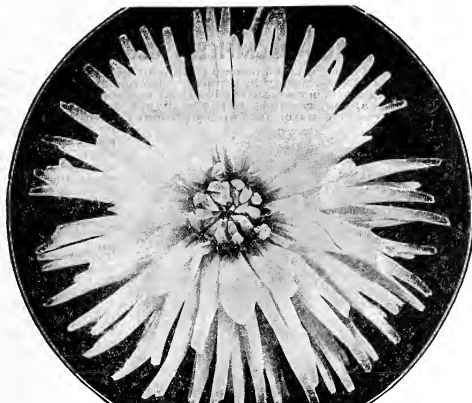
Especially fine, embracing only the best cut flower varieties: White and Light, Yellow, Pink, Red, Purple, Maroon, Crimson, and variegated, 20c. each, \$2.00 per doz., by mail, postpaid. Larger clumps by freight or express, \$1.25 per doz., \$5.00 per 100, purchased paying charges.

Finest Double Mixed Dahlias. Strong roots 15c. each, \$1.50 per doz., by mail, postpaid. Larger roots, by express or freight, \$1.00 per doz., \$7.00 per 100, purchased paying charges.

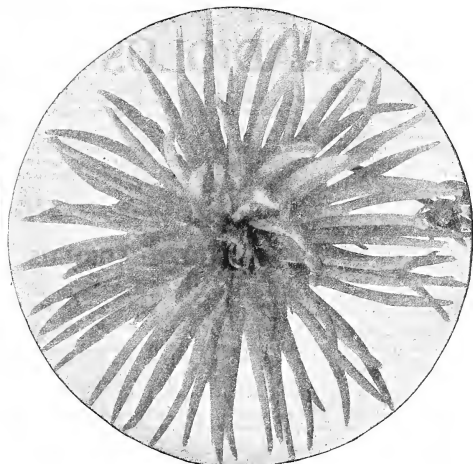
Finest Single Mixed Dahlias. Prices same as Double Mixed.



A.D. LIVONI.



WHITE SWAN CACTUS



ARGONAUT

Marvelous New Dahlias

MINNIE BURGLE This California production has been acknowledged to outclass everything of its color and stands out alone as the best rich red dahlia in existence. The flowers are very large, many the past season measuring 7 to 8½ inches in diameter. The color is the richest vermillion cardinal, which in connection with the long, stiff stem, will make it the predominant Red Dahlia for garden or cut flower purposes. The plant is a very strong, vigorous, upright grower, and an early and continuous bloomer, producing the big red flowers in profusion until killed by frost. Price, strong plants only at 50c. each, \$5.00 per dozen.

F. R. AUSTIN It is a seedling raised by Mr. Austin, who is treasurer of the reorganized American Dahlia Society and one of America's most enthusiastic amateur growers. Flowers measure seven inches in diameter, the flowers and the harmonious blending of the colors, shades and tints running through carmine, pink and yellow to cream.

The plant is a strong, vigorous grower of open habit and a most persistent bloomer. Strong plants for delivery after April 1st at \$1.00 each, \$10.00 per dozen.

WHITE SWAN A beautiful pure white cactus. Each 25c., doz. \$3.50.

ARGONAUT Deep orange, shading to red, fine form: with long slender petals. Each 30c., doz. \$3.00.

SILVER WINGS Large white suffused silvery pink; a delicately beautiful flower. Each 50c.

DOROTHY Very large, soft silvery pink; long incurved petals. Each 30c., doz. \$3.00.

T. G. BAKER Very large, finely formed flowers on long, stiff stems. The best clear bright yellow cactus. Each 25c.

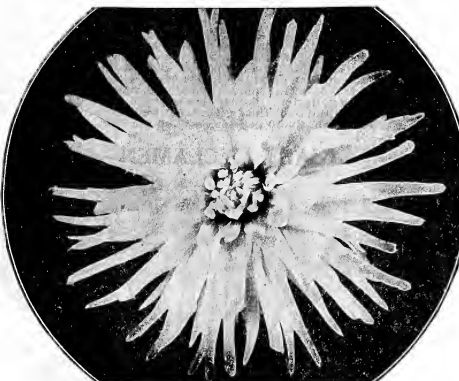
MELODY This is perfection in its class. The color is the clearest, brightest canary yellow blending to creamy white at the tips of the petals, a delicate color combination that suggests the name. The flowers are large, of full decorative form and of great substance, lasting when cut for several days. The flowers are borne on erect stems. Each 50c., doz. \$5.50.

OLD GOLD Here we have a rare shade in Dahlias. One of those rich shades, especially valuable in decoration. Particularly effective under artificial light. The color is a deep old gold color. The flowers are of fine regular formation and are produced on very long slender, but stiff, wiry stems. This renders them doubly effective for cutting and artistic decorating. Each 50c., doz. \$5.00.

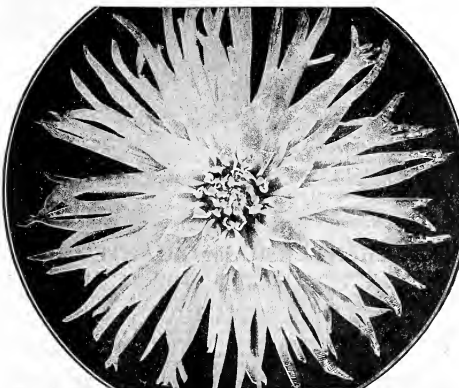
MRS. JOSEPH LUCAS A combination of shades that we purpose, but named at the request of Mrs. Joseph Lucas, who declared it was "the loveliest combination of shades and tints that I have ever seen." It is a rich yellow overlaid bronzy scarlet, lightened, suffused and edged salmon rose. The flowers are immense in size, splendid substance, lasting a week after cutting. Strong roots, \$1.00 each. Strong plants, 50c. each, \$5.00 per doz.

WILDFIRE CENTURY A most valuable addition to this remarkable class of single dahlias. Color a brilliant rich scarlet. The underside of the petal is also a bright scarlet. Plant, dwarf, branching and flowers good keepers. Each 50c., doz. \$5.00.

SPANISH CENTURY Another giant century, color pure yellow, pencilled a rich glowing red. An extremely early and profuse bloomer, long slender erect stems. Each 50c., doz. \$5.00.



SILVER WINGS



DOROTHY

Grow Your Own Trees

A Most Remarkable Offer

Evergreen Trees by Mail

Postpaid—12 Packages as Below

Fine for Hedges, Windbreaks and Ornamental Lawn planting. These packages cannot be broken. By mail postpaid to destination. Safe arrival guaranteed to any point in United States. Price \$1.50 per package; any 6 packages for \$7.50.

Complete planting instructions and cultural directions will be furnished with each order.

There is unquestionably no better way of beautifying your grounds than surrounding it with beautiful Evergreens. Evergreens are a permanent asset. They are everlasting and add to the beauty of the home winter and summer. Plant some Evergreens around your garden and just see how much difference there is in the temperature and moisture; you will find that you can grow flowers, fruits and vegetables that you never could before. Groups of Spruces, Pines, Firs and individual trees here and there about the yard, and along the driveways, changes a dreary house into a comfortable home. Remarkable effects are produced by Evergreens, with color and foliage blending harmoniously—full of mystery at dawn or dusk. In summer they are cooling and refreshing, in winter they add color, warmth and cheerfulness.

These varieties have been thoroughly tested and proven absolutely hardy and reliable and will grow successfully in all parts of the country. Complete planting instructions and cultural directions will be furnished with each order sent. Send in your orders as early as possible to avoid disappointment, as stock is limited. Shipment will be made in March, April or May. You cannot afford to overlook these wonderful collections.

100 Norway Spruce, 3 yr. Seedling's 100 Amer. Arbor Vitae, 3 yr. Seedling's
100 Scotch Pine 2 yr. Seedling's 100 Dwarf Mount. Pine 3 yr. Seedling's
100 Douglas Fir 3 yr. Seedling's 100 Jack Pine 2 yr. Seedling's
50 Colo. Blue Spruce, 3 yr. Seedling's 50 Red Cedar 2 yr. Seedling's
100 White Pine 2 yr. Seedling's 100 Ponderosa Pine 2 yr. Seedling's
50 Black Hill Spruce 4 yr. Seedling's 100 White Spruce 3 yr. Seedling's

Note our remarkable low price postpaid \$1.50 per package, of 50 or 100 trees, according to variety. The lots cannot be divided. Any 6 for \$7.50.

Hardy Fruit Trees

Apples

RED ASTRACHAN. Large, early, nearly covered with deep crimson, overspread with a thick bloom; juicy, rich, acid, beautiful, productive.

YELLOW TRANSPARENT. One of the most desirable early apples in cultivation. Early bearer, frequently producing fine fruit on 2 year trees in nursery rows. Good grower and hardy; fruit pale yellow, roundish ovate, good size and good quality.

MAIDEN'S BLUSH. Rather large, smooth, regular, with a fine, evenly shaded red cheek or blush on a clear, pale yellow ground; flesh white, tender, sprightly, with a pleasant sub-acid flavor.

BALDWIN. Large, roundish; deep bright red; juicy, crisp, sub-acid, good flavor; very productive of fair, handsome fruit.

GRIMES' GOLDEN. *Grimes' Golden Pippin.* Of the highest quality; medium to large size; deep golden yellow, sub-acid, aromatic.

NORTHERN SPY. Large, roundish, slightly conical, somewhat ribbed. Flesh white and tender, with a mild sub-acid, rich and delicious flavor.

PARAGON. Fruit large, roundish, somewhat flattened; color dark red, slightly streaked; flesh firm, yellow, crisp, aromatic, sub-acid and juicy. It is a very late keeper, rich and of excellent quality.

RHODE ISLAND GREENING. Large, greenish-yellow, tender, juicy and rich, with rather an acid flavor; an abundant bearer.

SMOKEHOUSE. A popular old variety in Pennsylvania, where it originated. Above medium, roundish oblate; yellow, shaded and striped with bright red; flesh yellowish, crisp, juicy, rich, and pleasant sub-acid.

WEALTHY. As a late fall apple the Wealthy has few equals. It may be called the fruit growers' favorite on account of its productiveness, large size, good quality and attractiveness; skin smooth, oily, mostly covered with dark red; flesh white, fine grained, juicy, vinous, sub-acid.

WINESAP. Medium size, dark red, rich flavor very productive.

Crab Apples

TRANSCENDENT. Tree immensely productive, bearing after second year. Fruit from 1½ to 2 inches in diameter; skin yellow, striped with red; most popular.

YELLOW SIBERIAN. (Golden Beauty.) Small; golden yellow.

PRICE FOR ALL VARIETIES. Extra size trees, each 75c., doz. \$7.50. Large specimens, \$1.00 to \$3.00. Second size and lighter grades are not handled by us.

Cherries

Strong Selected trees 75c., \$1.00 and \$1.25 each, according to size.

BLACK TARTARIAN. Big, dark red; of splendid flavor.

EARLY RICHMOND. A very productive pie or sour cherry that is prized for cooking and preserving.

ENGLISH MORELLO. A late red, sour variety that is valued for culinary purposes.

GOVERNOR WOOD. Large white, shaded red; sweet and delicious.

YELLOW SPANISH. Large, pale yellow with bright red cheek.

Peaches

CRAWFORD'S EARLY. August and September. A large yellow peach of splendid quality; strong grower and prolific fruit.

CRAWFORD'S LATE. Last of September. Large, yellow freestone peach of best quality. A prolific bearer and a most popular variety.

ELBERTA. A very large, yellow freestone peach, rich, sweet and juicy. A vigorous grower and splendid sort for eating or preserving.

LEMON CLOSE. Large, yellow, rich flavor; excellent for preserving.

MOUNTAIN ROSE. August. Large, red freestone peach, with white flesh. Rich, juicy and sweet. One of the best early varieties.

MORRIS WHITE. Firm, medium size, white, sweet and juicy.

REEVES' FAVORITE. September. Large, yellow, with fine red cheek; delicious, juicy; splendid sort.

STUMP THE WORLD. September. Large freestone; white, with red cheek; firm, juicy and excellent quality.

Two-year-old size, 50c. each; three-year-old size, 75c. each.

Pears

Strong, selected trees, 75c. each, \$7.50 doz.

BARTLETT. September. A popular variety with large, yellow fruit; sweet and juicy. Excellent for eating or preserving. A prolific bearer.

CLAPP'S FAVORITE. September. Large, pale yellow with crimson cheek; fruit fine-grained. Should be picked early and ripened indoors.

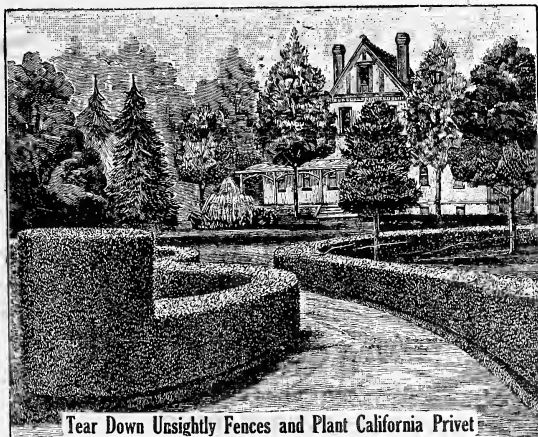
SECKEL. A little brown pear, exceptionally sweet and juicy.

SHELDON. October. Russet red; rich, melting and juicy; fine flavor.

VERMONT BEAUTY. In quality the fruit approaches nearer that most delicious of pears, the Seckel, than any other pear on the market. The fruit is full, medium size, yellow, covered on the sunny side with a bright carmine red, making it exceedingly attractive and handsome; flesh melting, rich, juicy, aromatic.

KIEFFER. Very vigorous and productive even when young; fruit large and yellow; a good keeper.

LAWRENCE. November. Large, yellow, of splendid rich flavor.



Tear Down Unsightly Fences and Plant California Privet

California Privet—The Best Hedge Plant

Of all ornamental hedge plants this is the most popular, and more of it is planted than all others combined. Its foliage is a rich dark green, and is nearly evergreen, remaining on the plant until midwinter. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist.

The most advantageous manner of planting is in double rows, the two rows being about 8 inches apart. The smallest size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. In order to secure a dense hedge from the base up, the plants should be severely pruned the first two seasons.

	Doz.	100	1000
Strong 1-year-old, 18 to 24 in.	\$0.60	\$3.00	\$25.00
2 " " " 24 to 30 "	.75	4.00	37.50
2 " " " 30 to 36 "	1.00	5.00	45.00
Selected 2 " " 36 to 42 "	1.25	6.00	55.00

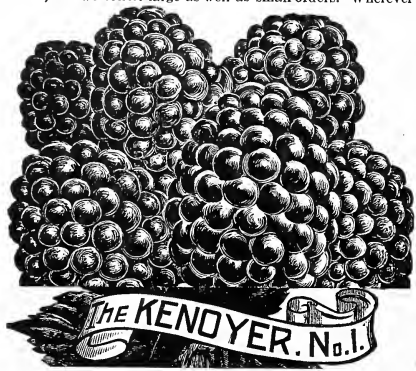
Small Fruits

There is only one way possible to succeed in fruit growing, and that is to plant the right varieties. It does not matter how good your market is, or how well your soil is adapted to fruit, or how hard you work, you are bound to fail unless you plant varieties that will produce the kind of fruit you want and in paying quantities. We have gone over the long lists of varieties year after year, adding to and discarding until we have a list that cannot fail to do well. We have worked the problem out and we are sure we can help you. We have laid the foundation for success for hundreds of our customers. We want to lay the corner stone in the foundation of your successful career—fruit growing. You can succeed. We will help you—with advice, good plants and the right varieties. We are at your service. This year our plants are very fine and our stock is larger than ever, and we solicit large as well as small orders. Wherever possible we

advise all plants to be shipped by express.

Net o. Our plants are first-class, full of life, and worth double the price of many on the market. Besides, they are the varieties that will make you money, if that is what you are after.

BLACK BERRIES. If by mail, add 10c. per doz., or 40c. per 100.



Blackberries

DICKEL'S EARLY HARVEST. The earliest blackberry to ripen. Excellent for home use or market. Fruit jet black, glossy, deliciously sweet and fine flavor, size a trifle smaller than Kenoyer. Very profitable on account of extreme earliness and great productiveness. Our plants are fine and true to name. Genuine stock is very scarce. Each 15c., doz. \$1.00, 100 \$3.50, 1,000 \$25.00.

KENOYER, No. 1. A prodigious bearer of very showy fruit, of good color and fine shipping qualities, with good strong growth. It is twice the size and will yield double that of Earliest Harvester. It is the best blackberry for market. Medium early. Each 10c., doz. 75c., 100 \$4.00, 1,000 \$35.00.

BLACK DIAMOND. The fruit is jet black and firm, and will not soften either on the bush or after it has been picked. It has an exceptionally fine flavor, spicy and melting. The berry is about the size of the Kenoyer or Eldorado, an abundant bearer, frequently perfecting as many as 2,000 berries on one vine. It is frequently as many as nine quarts have been gathered from a single vine.

OUTLASTS ANY OTHER. Most Blackberries decline in productiveness after the fourth or fifth year. The Black Diamond will bear well for twenty years. I have a field of Black Diamonds now in its ninth year, bearing its best crop thus far, and are all strong, healthy vines. Each 15c., doz. \$1.25, 100 \$5.00, 1,000 \$40.00.

ELDORADO. Highly recommended by growers and experiment stations. It is an oblong berry of large size, fruiting in numerous pendulous large clusters, with few thorns. Color black, flesh deep crimson, flavor sweet and distinct, rich quality. One of the finest. Each 10c., doz. 50c., 100 \$3.00, 1,000 \$25.00.

RATHBUN. Large, an intense jet black. Very glossy, never turns red. Yields abundantly, and ripens early. Forms a compact bush four to five feet high. Has few thorns. Each 10c., doz. 75c., 100 \$4.50, 1,000 \$40.00.

WARD WONDER. Big glossy black fruit; rich, sweet, tender and melting. Average yield 20 bushels per acre. Canes very hardy. Canes 4 to 5½ feet high. A grand, profitable variety. Each 10c., doz. 80c., 100 \$3.50, 1,000 \$30.00.

BLOWER'S FAVORITE. Luscious large fruit, very rich quality. Height of canes 14 feet. 265 berries on one bush. Record per acre, \$1,065.76. Each 15c., doz. \$1.25, 100 \$5.00.

PRIMOS DEWBERRY. (NEW). Ten days earlier than Lucretia. Quality, sweet and of unequalled excellence. Cannot be praised too highly. Quality and size uniform. Each 10c., doz. 50c., 100 \$3.00, 1,000 \$15.00.

RASPBERRIES

Our Money Making Varieties. Strong Transplanted Stock.

(If by mail add 10c. per doz. or 40c. per 100.)

KING'S HAYMAKER. This valuable new raspberry is certainly the greatest acquisition of years in raspberries of its class. From actual figures Haymaker returned a net profit of over \$900.00 per acre last year. Growers coined money from it. The Haymaker is a purple cap not so dark as Cardinal or Shaffer, and much larger and firmer than either of those varieties, never crumbles and stands up well in shipping. It is a berry to grow for either home use or market. Recommended by experiment stations and leading Horticultural Societies everywhere. It certainly is a leader. Our stock is genuine. Each 15c., doz. 75c., 100 \$3.50, 1,000 \$25.00.

MOORE'S RUBY. Pronounced by thousands to be the best red berry to grow for profit. Color a beautiful bright red. Ripens with the earliest and continues picking a long season. Exceedingly tender and of a good flavor, often sells for 25c. per quart. It stands shipping long distances better than any other. It has been grown commercially for 6 years and to-day stands at the head of all other earlies for long distance shipping and profit. Each 15c., doz. 75c., 100 \$4.00.

NEW BRILLIANT. The berries are large and beautifully brilliant. It ripens the entire crop early and all at once, while the price is high. It carries its brilliancy to market and looks fresh as when first picked. A great market variety. Every grower should have it. Each 15c., doz. \$1.00, 100 \$4.00, 1,000 \$30.00.

ST. REGIS EVERBEARING

Berries from June until October

Raspberries for four months! That's what you get when you plant St. Regis—the new ever-bearing variety. Moreover, they are of the very highest grade, of brilliant color and of delicious, to flavor. As a shipper it is unequalled. It succeeds upon all soils, whether light and sandy or cold heavy clay. Price, each 15c., doz. \$1.00, postpaid; 100 \$3.50, 1,000 \$25.00 by express.

GOOSEBERRIES

Extra Strong One-year-old Transplanted Stock.

Single and dozen postpaid.

DIXON'S PEARL. Large size, immensely productive. Each 20c., doz. \$1.75, 100 \$12.00.
DOWNING. A large handsome fruit, green in color; fine flavor, immense cropper. Each 15c., doz. \$1.50, 100 \$10.00.
HUGHITON. Berries medium. Color, pale red. Each 15c., doz. \$1.00, 100 \$8.00.
RED JACKET. The most vigorous in growth of any gooseberry in America. Each 15c., doz. \$1.50, 100 \$10.00.

CURRENTS

Single and dozen postpaid.

"PERFECTION." Bright red. Each 25c., doz. \$2.50, 100 \$14.00.
WHITE GRAPE. Heavy yielder. Each 15c., doz. \$1.00, 100 \$7.00.
BLACK APPLES. The best black. Each 15c., doz. \$1.50.
FAY'S PROLIFIC. Each 15c., doz. \$1.00, 100 \$7.00.
VERSAILES, CHERRY, RED DUTCH and VICTORIA. Each 15c., doz. \$1.00, 100 \$6.50.
MOORE'S NEW RED CROSS. Each 20c., doz. \$2.00, 100 \$12.50.



ST. REGIS
EVERBEARING
RASPBERRY

HIGH
GRADE

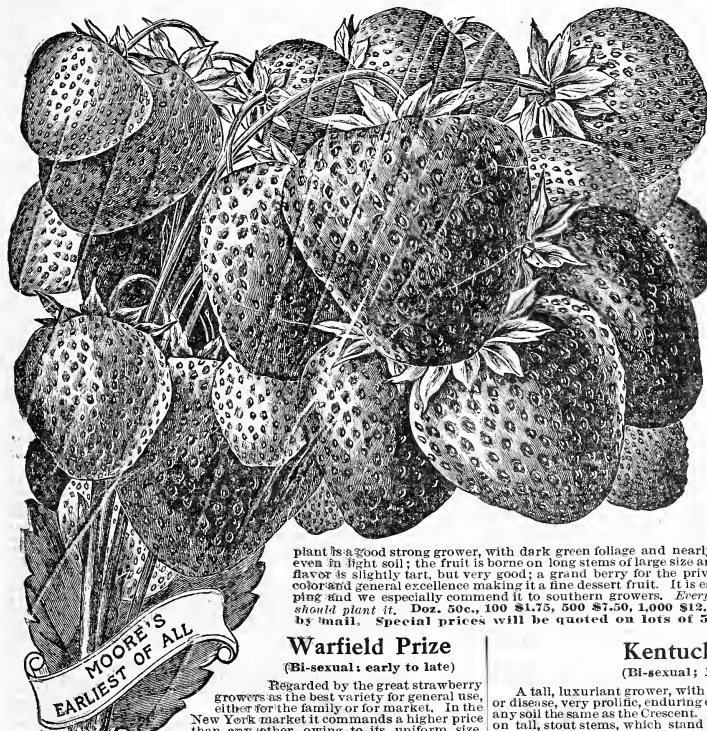
STRAWBERRY PLANTS

If wanted by mail, add 10c. per doz. and 60c. per 100.

WHEN TO ORDER—Order early by all means, while the plants are in a dormant condition, before they commence to grow in the spring; they will ship better, stand more neglect and rough usage, and will start off better when set out. Allow time enough before you need the plants, so that if we are crowded and you should have to wait a day or two, it will not inconvenience you. The best plan is to order a week or two ahead, and state the day you wish them shipped. Another advantage in ordering early is that our stock is complete and you are sure of getting all your order filled.

GUARANTEE—We guarantee our plants true to name, well-rooted and from new beds that have never fruited; if they prove not to be so, we will replace them free of charge. While we do not claim to raise better plants than anyone else on earth, we do claim that we raise them better than some, and as good as the others.

Moore's Earliest of All Strawberries



plant is a good strong grower, with dark green foliage and nearly rust-proof; extraordinarily productive even in light soil; the fruit is borne on long stems of large size and of a most brilliant scarlet color. The flavor is slightly tart, but very good; a grand berry for the private garden or market gardener, its fine coloring and general excellence making it a fine dessert fruit. It is especially adapted for long distance shipping and we especially commend it to southern growers. Every berry grower, north, south, east or west, should plant it. Doz. 50c., 100 \$1.75, 500 \$7.50, 1,000 \$12.50. Add 10c. per doz. to go by mail. Special prices will be quoted on lots of 5,000 and upwards.

Warfield Prize

(Bi-sexual; early to late)

Regarded by the great strawberry growers as the best variety for general use, either for the family or for market, in the New York market it commands a higher price than any other, owing to its uniform size, delicious flavor and handsome appearance. In a two-acre plot of it we could not find a malformed berry; every one was perfect and as even in size and form as if turned out of a mould. It ripens uniformly, not a green tip is ever to be found on it; the color when ripe is a glossy crimson scarlet. It is medium in size, juicy and solid to the centre and of a delightful flavor; in fact, this is one of its excellent merits, and is the cause of its having been in demand by the finest hotels and private families in New York since the fruit was first sold there. It is an all-season berry, ripening early and bearing late, perfecting its fruit to the last berry as perfectly as the first one. It is an abundant bearer, yielding as much per plant as the most prolific, and on account of its prolonged fruiting is more valuable than those which perfect their crop in a shorter period. After a close study of it for the past two years, we are convinced that it has no rival as a good all-around strawberry for the family or market—one that is certain to give satisfaction. Doz. 40c., 100 \$1.25, 500 \$4.00, 1,000 \$7.50.

BEST IN 22 YEARS

FRED. MARINO, P. O. Box 501, WASHINGTON, writes: Your Boston Mammoth White Flame Celery is the best I have grown during the past twenty-two years.

TWO WEEKS EARLIER

PAUL ENSS, PHILIPSBURG, N. J., writes: Your Moore's King of the Early Tomatoes were two weeks earlier than the Earliana.

The most valuable production of the age. The most wonderful and remarkable large berry ever introduced. Absolutely the earliest large strawberry in existence. Immense size, prodigious yield, delicious flavor. Plant strong, luxuriant and healthy. Flowers bi-sexual.

Has Produced 16,000

Quarts to the Acre

Every market gardener who plants it largely is insured handsome profits. On account of its beauty and extreme earliness it always commands the very highest market price. Its extreme earliness is due to its hardness; the buds form late in the fall, and remain unaffected by the winter cold or early spring frosts—a remarkable thing but true. The blossoms are produced before the leaves in the spring, and are not affected by any frost during the winter, no matter how severe. This valuable variety does remarkably well on poor, thin land, while on heavy soil the yield is simply prodigious. In our vicinity they usually commence bearing about May 5th to 8th, and continue producing large, beautiful berries of delicious flavor long after all early sorts are exhausted. The

Kentucky Wonder

(Bi-sexual; Mid-season to late)

A tall, luxuriant grower, with large, dark green foliage, free from rust or disease, very prolific, enduring extremes of heat or cold. It will grow on any soil the same as the Crescent. The fruit is produced in great abundance on tall, stout stems, which stand up from 6 to 8 inches the entire season, holding its load of berries from the ground so they do not get dirty, rotten or scalded. It is beautiful in color, being of a dark, glossy red, which alone will make it an ornament for any table. They are so beautiful in appearance that the moment they are put on the market they will sell for the highest price. The flavor is delicious and very sweet; being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine aromatic flavor, resembling that of the wild strawberry, makes it one of the most delicious of berries. Doz. 30c., 100 \$1.00, 500 \$3.50, 1,000 \$6.00.

Chesapeake Wonder

(Bi-sexual; late)

This new variety is indeed a wonder. It will not succeed upon thin sandy soil, but requires loam or clay-loam; and demands high culture. The berries are very large and beautiful, with smooth, even surface and prominent seeds. The color is bright lively crimson, and the prevailing form is heart-shaped with pointed tip; though a good many are of concomb form. Flesh firm, quality very good. Plants vigorous and healthy with large foliage but multiply sparingly. If one has the right kind of strawberry land and will give it high culture, it is always exceedingly profitable. A number of growers in the vicinity of Philadelphia have made small fortunes from it in the past two or three years. The berries, which were largely sold in New York City, have been so fine, it has been given the name of "Pride of New York" in the markets there. We have a large stock of beautiful plants of this remarkable fine late strawberry. Doz. 35c., 100 \$1.00, 500 \$3.50, 1,000 \$6.00.

SOME SPLENDID NEW STRAWBERRIES



15 STRAWBERRIES to the QUART

\$500 FROM HALF AN ACRE

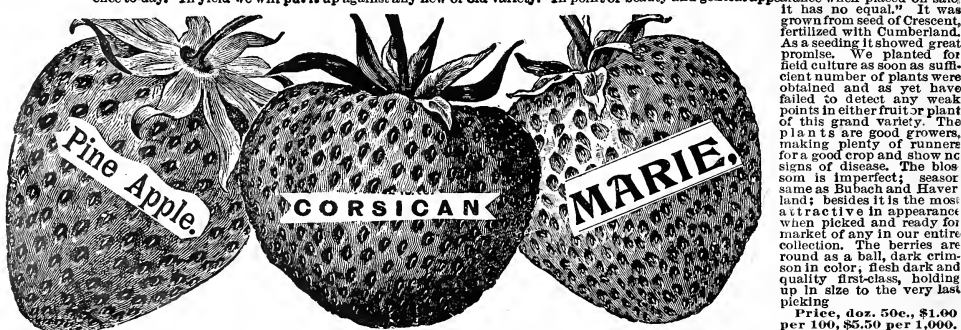
That is the Record of the BIG VICTOR STRAWBERRY, Under Ordinary Farm Culture.

together. Flesh red to the core, of delightful aroma, rich, juicy and luscious. The seeds are of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness it is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of Big Victor are remarkably vigorous, healthy and hardy, throwing out strong runners. The foliage is of the largest and thickest, entirely free from scald or blight. Price, doz. 50c., \$1.75 per 100, \$12.50 per 1,000.

Pine Apple. (Perfect.) This makes the third season we have offered this valuable new strawberry and have as yet failed to hear a single complaint. If you have not yet planted it send your order at once. It has a rich pine apple flavor. Think of it. Strawberries, Pine Apples—could there be a more luscious combination of flavors? It is within itself a three-fold pleasure, viz., to look upon, to smell and to eat. A vigorous grower. Berries large size, round and well shaped, beautiful crimson color, about same firmness as Haverland. A perfect bloomer and an abundant bearer, valuable alike for both home garden and market. Its great beauty and decided pine apple flavor make it a variety that commands a higher price on the market than the ordinary strawberry. We have fine plants of Pine Apple and we will send only fresh dug ones so you will surely succeed. We hope we may have an order from each and every person receiving our catalogue for Pine Apple Strawberry Plants, for it will be an advertisement for us that will do us good. In view of this, we are offering them at a very low price for a variety so valuable. Price, doz. 50c., \$1.25 per 100, \$6.50 per 1,000.

Corsican. (Perfect.) A distinct new variety of value for market and home garden. The fruit is dark crimson color, rich and delicious flavor, large size and quite firm. The foliage is perfectly healthy, making it a variety that will protect the fruit from sun and rain. It is a good grower, making the right number of plants and an enormous yield of the finest, largest berries imaginable. Our customers are highly pleased with this great berry. Corsican is a wonderful berry. It is a great pleasure and very profitable to haul the largest berries that go to market. That kind always sells and at the very top price. Corsican is not only big; it is a beautiful color, a great yielder, a good foliage to resist disease and drought and even weeds and neglect, but such a variety as Corsican should not be neglected if possible. Do you want big berries? Then plant Corsican. Price, doz. 50c., \$1.25 per 100, \$6.00 per 1,000.

Marie. One of our largest berry growers writes us that our Marie Strawberry is "beyond doubt the most prolific and profitable berry in existence to-day. In yield we will put it up against any new or old variety. In point of beauty and general appearance when placed on sale



We are greatly pleased to offer our customers some new strawberries of real merit, an improvement over many kinds being offered by other dealers and growers. We find it pays to grow only the best for big returns and good results. You must grow good varieties to succeed. It is absolutely necessary to do it or you fail, no matter how good your ground or how much care you give your plants. The plants we offer are the best varieties that can be obtained. We try almost all kinds. We have to do it to find out which are the valuable ones and then offer those only that prove valuable, thus protecting our customers from a long list of varieties, half of which are absolutely worthless and a waste of time and money to plant. The varieties we offer have made our customers money. If you will let us do it we can furnish you plants that will make money for you and give you results that will open your eyes. Are you willing? It costs no more to plant our good reliable plants that you can bank on than others, besides, you then have the assurance of success.

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price, and 60c. to the 100 price.

THE GRAND STRAWBERRY "BIG VICTOR"

(Mid-season to Late—Perfect Flowering)

Although the Big Victor has only recently been offered to the public, yet it is already *world famous* from the superlatively flattering reports in the horticultural press from the experiment stations and from strawberry critics to whom a few plants were given for trial. It has been thoroughly tested in many parts of the country and has given universal satisfaction for shipping and home market, as well as for the family garden. The berries of the Big Victor are magnificent and of immense size—very firm, solid and shapely for so large a berry. In color it is broadly heart-shaped, without neck; occasionally fruits will be found shaped as if two berries were joined but slightly imbedded, which adds to its firmness. The color is of a rich, dark glossy scarlet, uniform all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit.

It is a good grower, making the right number of plants and an enormous yield of the finest, largest berries imaginable. Our customers are highly pleased with this great berry. Corsican is a wonderful berry. It is a great pleasure and very profitable to haul the largest berries that go to market. That kind always sells and at the very top price. Corsican is not only big; it is a beautiful color, a great yielder, a good foliage to resist disease and drought and even weeds and neglect, but such a variety as Corsican should not be neglected if possible. Do you want big berries? Then plant Corsican. Price, doz. 50c., \$1.25 per 100, \$6.00 per 1,000.

Corsican. (Perfect.) A distinct new variety of value for market and home garden. The fruit is dark crimson color, rich and delicious flavor, large size and quite firm. The foliage is perfectly healthy, making it a variety that will protect the fruit from sun and rain. It is a good grower, making the right number of plants and an enormous yield of the finest, largest berries imaginable. Our customers are highly pleased with this great berry. Corsican is a wonderful berry. It is a great pleasure and very profitable to haul the largest berries that go to market. That kind always sells and at the very top price. Corsican is not only big; it is a beautiful color, a great yielder, a good foliage to resist disease and drought and even weeds and neglect, but such a variety as Corsican should not be neglected if possible. Do you want big berries? Then plant Corsican. Price, doz. 50c., \$1.25 per 100, \$6.00 per 1,000.

Marie. One of our largest berry growers writes us that our Marie Strawberry is "beyond doubt the most prolific and profitable berry in existence to-day. In yield we will put it up against any new or old variety. In point of beauty and general appearance when placed on sale

It has no equal. It was grown from seed of Crescent, fertilized with Cumberland. As a seedling it showed great promise. We planted for field culture as soon as sufficient number of plants were obtained and as yet have failed to detect any weak points in either fruit or plant of this grand variety. The plants are good growers, making plenty of runners for a good crop and showing signs of disease. The blossom is imperfect; season same as Bubach and Haverland; besides it is the most attractive in appearance when picked and ready for market of any in our entire collection. The berries are round as a ball, dark crimson in color, flesh dark and quality first-class, holding up in size to the very last picking.

Price, doz. 50c., \$1.00 per 100, \$5.50 per 1,000.

Big Profit in Strawberries and How to Get It

CONSIDER FIRST

At the very outset, let it be understood that the strawberry is one of the most easily grown of all the fruits; really it is no more difficult to succeed with strawberries than it is with onions, potatoes or corn. Another thing we wish to impress is the fact that the strawberry may be grown in almost any system the individual grower may elect, so long as the system adopted is faithfully followed. And still another point, the strawberry successfully is grown in all soils and under practically all conditions of climate, excepting only the equatorial and polar regions. We make this statement so broad that there can be no possible excuse for further questioning on this point. The strawberry, in one word, is as universally successful as any of the commonest products of the vegetable kingdom. More than all that, beginners in gardening and fruit growing write us that they have had better success with our strawberry plants than they have had with ordinary vegetables. Good plants, good soil, thorough cultivation—these form the trinity which insures complete and satisfactory results in the strawberry world, and where they are supplied success is certain.

Suggestions for Planting Strawberries

Of all the small fruits the Strawberry is probably of the most commercial importance in this country. There is no plant that adapts itself so well to all conditions and to all sorts of soil, whether loam, sand or clay. Good drainage is absolutely essential, but the plants should have a liberal supply of moisture at fruiting season, therefore a "springy" soil is to be preferred. Avoid setting the plants in land that has been for a long time in grass, for in such places you will find the larvae of the May beetle, which are extremely destructive to small plants. The soil cannot be made too fertile, and the richer it is made and the more humus you can get into it, the better will be the crop. Stable manure is probably the best fertilizer that can be used, although there is an objection on account of the grass seeds which may be brought in. This objection can be readily overcome by using our "Sheep's Head" brand of pulverized and desiccated Sheep Manure. It is the best animal manure we know of. It can be worked into the soil at the time the plants are set. Don't put commercial fertilizer under the plants when setting.

In the middle and northern states Strawberries should be planted in the spring. In the southern states fall and spring planting are both practicable. The plants should be set as early in spring as the soil can be worked, the earlier the better.

Fall-Bearing Progressive—Bisexual

Progressive, like Americus, is a prolific bloomer and a heavy yielder. The berries are delicious throughout the entire season and always command a high price and make large profits for the grower. As its name indicates, it represents the progress made in the development of ever-bearing strawberry plants, and up to date there is nothing known that excels this great variety in all of the points that make for excellence in strawberries in size, shape, color, and ripeness. Doz. 75c., postpaid; 50 \$1.00, 100 \$1.75, 500 \$5.00.

Francis (Per.)

Not only the finest of the Rockhill varieties to date, but considered by many as the best of the fall-bearing varieties as yet fully tested. The plants are of strong habit with good, large, clean leaves and they multiply all they ought to. The berries are decidedly attractive; deep crimson, glossy, firm, of high quality, finely flavored and exceptionally uniform in size. We have frequently counted as many as one hundred and fifty blossoms, green berries and ripe berries on a single plant. The plants continue to give large yields of choice berries throughout August, September and October, up to the time the ground is slightly frozen. We are very enthusiastic over the Francis and urge all our customers to give it a thorough trial. The blossoms should be carefully kept off until mid-summer to get the best results. Doz. \$1.00, postpaid; 50 \$1.00, 100 \$1.75, by express.

Fall-Bearing Americus—Bisexual

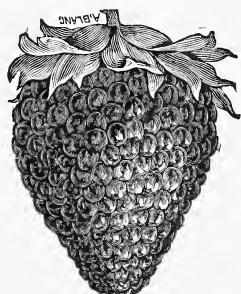
Americus is a truly wonderful fall-bearing variety, and what makes it unusually profitable is the fact that it also produces a heavy yield of choice fruit in the early summer, along with the standard varieties. It is simply loaded with choice berries from early in June until July, at which time the plants cease bearing, but again begin to fruit heavily in August. They continue to give large yields of choice berries throughout August, September and October, up to the time the ground is slightly frozen. Plants of this variety which are set in the spring should have the blossoms removed until the first of July. The remainder of the blossoms may be left to develop into berries, and a good crop of fruit will thus be secured for the entire season. The plants are set without injury to the plants. Doz. 75c., postpaid; 50 \$1.00, 100 \$1.75, 250 \$3.50.

Superb (Per.)

As a fall cropper, yields fruit only on the parent plant. The berries are a rich blood-red from surface to center. As a June cropper it yields enormous crops on the same plants and if the summer season is any way moist late in September the same plants are filled with fruit. Doz. 50c., postpaid; 50 \$1.25, 100 \$2.00.

Strawberry-Raspberry

This is probably the most remarkable fruit ever offered. It produces ripe fruit from early in July until frost. The fruit is of a beautiful sparkling crimson color and often of great size (see cut of September and most of the season). When cooked mixed with raspberries such as King's Haymaker, it is superbly delicious. Valuable for the extreme north, as the fruit is born on the young growth, and is of course hardy in any climate. This is entirely new fruit, both in habit of growth and form of fruit. Bushes grow 1 to 3 feet high. It is very productive and a distinct novelty in small fruits. Each 20c., doz. \$2.00, postpaid; by express, doz. \$1.50, 100 \$7.50.



Strawberry-Raspberry

EVER BEARING OR FALL BEARING

FRANCIS STRAWBERRY

Fall-Bearing Strawberries

A new departure in this, the most delicious of fruits, The Fall-Bearing Strawberry is a decided success and making a great hit with the amateur and a sure source of big profit for the wide-awake market gardener.

It is only within the past few years that a genuine fall-bearing Strawberry has been an actual fact.

You can set these plants in the early spring and keep the blossoms pruned off until about four weeks before you want ripe fruit and you will be surprised at the nice, large, luscious, fine flavored berries you will have from then until it freezes. Just think, nice, large delicious strawberries for four months in the year. It is a real fact. Anyone can grow them. Surely anyone can set them. The only varieties of this kind are sold by any other. No strawberry grower should be without these varieties. Order early.

Plants should not be allowed to suffer for water during the fruiting season and a mulch will be found of great advantage.

Pan American (Per.)

One of the best mid-summer croppers. Even in our hot dry weather in mid-summer the vines are full of ripe strawberries. The PAN AMERICAN seems to yield and ripen more fruit when the weather is hot and dry, under favorable conditions it will yield as much fruit as the Americus. Yields enormous crops of highly colored fruit. Doz. \$1.25 postpaid, 50 \$2.00, 100 \$3.75.

HARDY GRAPES IN VARIETY

AGAWAM. (Rogers' No. 15.) Berries large, of bronze color; bunches of good size and form.

BRIGHTON. Bronze-black, large berries.

CONCORD. Black with a rich bloom.

DELAWARE. Red; berries small, sweet and of the most excellent flavor.

EATON. Equal to Concord. Superior in size. 30c. each, \$3.00 doz.

GOLDEN POKCKINGTON. Very large; deep amber in color. One of the most attractive grapes grown.

GREEN MOUNTAIN. (Winchell) This, the earliest white grape, has been thoroughly tested over a wide area, and has proved most satisfactory. It combines hardiness, fruitfulness, vigor, good size and excellent quality. Bunch medium, to large, shouldered; berries medium, greenish-white; skin thin, tough, pulp tender, sweet, with few seeds; the flavor is excellent. 50c. each, \$5.00 per doz.

LENA. (Rogers' No. 9.) A rich shade of red; tender and sweet, rich flavor.

MOORE'S DIAMOND. A grand white grape, first quality fruit.

MOORE'S EARLY. Resembling Concord, but ripening two weeks earlier.

MERRIMACK. (Rogers' No. 19.) Large berry; jet black; fine quality.

NIAGARA. A grand white grape; hardy, fine quality. This is unsurpassed in its class.

SALEM. (Rogers' No. 53.) A splendid, coppery-red grape; ripening with Concord.

VERGENNES. Light amber, sweet and rich.

WORDEN. Black, very juicy, large size; early. One of the grandest of all.

WILDER. (Rogers' No. 4.) An excellent variety. Berries medium; bunches large; color black.

Price, except where noted, 2-year old, 25c. each, \$2.50 per doz.

Magnolia Scotch Collie Shepherd Kennels

THOROUGHbred
SCOTCH
COLLIES

The Most Useful
of all Dogs



The Collie is the most useful dog for all purposes, possessing great intelligence, and remarkable for being most easily taught. A properly bred Collie thinks and acts for himself when in a quandy and is a good and faithful watch dog. The pure-bred Scotch Collies are of a kind and affectionate disposition, and become strongly attached to their master's family. They are very watchful and always on the alert, while their intelligence is really marvellous. At one year old they are able to perform full duty, herding sheep, cattle, swine and other stock, attending them all day when necessary, keeping them together and where they belong, and driving off all strange intruders. They learn to know their master's animals from others in a very short time, and a well-trained dog will gather them home and put each into its right stall. They have a dainty carriage and fine style, profuse silky hair of variation of colors, bushy tail, carried low, ears small and semierect, head long and sharp. No farm should be without one or more of these highly useful animals. They also make valuable household dogs, being ever watchful of and great favorites of children. Both our stud dogs and breeding bitches are all pedigree and have had for their progenitors the most famous champion, prize-winning English kennels. The latest importations have been selected not only for the excellent qualities they possess individually as to disposition and head qualities, also all up-to-date champions have been judiciously incorporated into their lineage. Thus our customers may depend upon getting practically everything good to be had in this most useful of all dogs. All our puppies are entitled to registry in American Kennel Club Stud Book.

Price of male puppies or spayed females, 6 to 8 weeks old, your choice of colors, \$8.00 to \$15.00 each. Females, not spayed, \$7.00. Stock one year old, well trained, \$20.00 to \$30.00.

In the event of a customer buying two or more dogs, we can guarantee to furnish no two akin. Our breeding records are very carefully kept and we can always supply stock not related.

Dog Remedies

CONKEY'S DISTEMPER REMEDY. There are many complications that may occur with this disease, such as Pneumonia, Bronchitis, Inflammation of the Brain and of the Spinal Cord, and Paralysis, usually of the hind quarters and Abscesses. CONKEY'S DISTEMPER REMEDY is 50c. or 55c. postpaid.

DISTEMPER IN CATS. Distemper in cats should receive the same treatment as for dogs, reducing the dose to 1/2 amount, however.

CONKEY'S MANGE REMEDY. CONKEY'S MANGE REMEDY is

guaranteed to please in cases of Mange on either dogs or cats, and is an excellent remedy for Eczema, Canker, Sore Ears, Ringworm, and all forms of parasitic skin diseases. Price, 50c. or 75c. express paid.

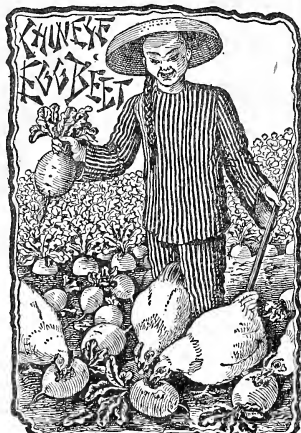
CONKEY'S DOG TONIC. For dogs that are run down, off feed, debilitated from any cause, or those recovering from disease. This tonic is giving satisfaction and can be depended on to bring the dog quickly to condition. Price, 50c. or 55c. postpaid.

CONKEY'S WORM DROPS. Price, 50c. or 55c. postpaid.

GOOD THINGS FOR THE POULTRY KEEPER

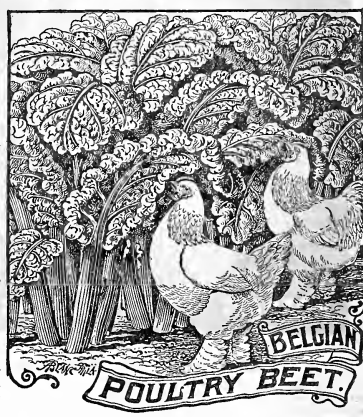
NEW CHINESE WINTER EGG BEET

Thrives on any soil and anywhere in the United States, and is the most valuable winter egg producing poultry food known. It is especially valuable for feeding chickens that are confined to small enclosures and to such it should be fed the year round. The culture is the same as for ordinary field or garden beets. Both the roots and tops are eaten with great relish by all chickens the whole year round. It will be found a wonderful egg producer the year round as well as the cheapest and most valuable winter food. It will enable you to cut your grain rations in half. Four pounds will plant an acre. The roots can be preserved during winter same as turnips or potatoes. Culture same as for garden beets and the yield per acre may easily exceed 1,000 bushels. The flesh is a pale golden yellow and it is the most productive and most nutritious of all beets. It is likewise an excellent sort for the kitchen garden. Plant same time as field corn. It is not only a wonderful egg producer, flesh former, and economizer in grain feed, but it is a wonderful health promoter as well. Feed it freely and keep your chickens in perfect laying vigor and health. Pkt. 5c., oz. 10c. 1/2 lb. 30c., lb. \$1.00.



BELGIAN POULTRY BEET

The cheapest and best form of green food for poultry. Will thrive on any soil and responds wonderfully to liberal manuring. The tops of the beets are greedily eaten by all kinds of poultry. In Belgium, where the production of eggs and the finest flavored poultry is produced, this beet forms a large part of the daily ration. It also keeps the bird in the pink of condition. Green foods should always be fed in connection with grain and meat. Feed birds can be cut in half or less by feeding this wonderful forage. The meat of all poultry fed on this beet top is remarkably sweet and tender, while the egg yield is greatly increased. If you grow poultry for pleasure or profit, and no matter whether your flock be large or small, it will pay you big to grow liberally of this wonderful plant. Sow in rows 2 1/2 feet apart, thin to 6 inches in the row. Cut the tops 6 to 8 inches long. The tops will sprout out again and produce several crops in succession. Oz. 10c., 1/2 lb. 30c., lb. \$1.00, by mail postpaid.



GREAT GERMAN HOG PASTURE SEED

The celebrated high priced world renowned hams grown in Westphalia, Germany, are principally produced from hogs fed on this celebrated pasture mixture, which is made up of annual varieties of grains and fodder plants, all of which give a marvelous amount of highly nutritious hog food at a very low cost.

Hogs can be turned into it in about six weeks from time of sowing and such hog eating you never saw for growing hogs or brood sows. It is a great fat producer and keeps young or old hogs in prime, thrifty, healthy condition. Hog diseases are rarely known where this pasture is used. It makes a continuous growth and its results are marvelous. Sow from 35 to 40 lbs. per acre. 25 lbs. \$2.50, 50 lbs. \$4.75, 100 lbs. \$9.00.



Dunham Water Weight TRADE MARK

Roller

The new 1927 roller of the "WB" type is fitted with a steel scraper which can be let down to ride on the drum, scraping off all grass, leaves or mud and leaving the roller clean. The scraper can be thrown off the drum when desired.

No-Tip Lock
This scraper can also be locked down tight against the drum holding the handle upright when not in use. This serves every purpose of the handle weights used on our other roller and in addition it is much lighter to handle and much lower in cost.

Rounding Edge
This rounded edge on Dunham Rollers will not tear up the grass, or mar the tennis court.

STYLE "WB" Fitted with No-Tip Lock and Scraper

No.	Diam. Length	Sec.	Weight	Empty	Filled with	Price
	Inches	Inches	tons		Water	
WB 8.....	14	20	1	60 lbs.	175 lbs.	\$11.00
WB 9.....	18	24	1	85 " "	300 " "	13.00
WB 7.....	24	24	1	110 " "	500 " "	17.00
WB 9.....	24	32	1	130 " "	600 " "	19.00
WB 11.....	18	24	2	100 " "	300 " "	18.00

NOTE: We recommend WB5 or WB7 as the standard.



Truck and Hand Cart

Truck with Water Barrel, Leaf Rack and Hand Cart

This is one of the indispensable adjuncts to a well ordered country or suburban garden. Its uses are innumerable. The trucks are equipped with steel wheels, and can be had with 1½, 2½ or 3½ inch tires, are strong and durable, no castings to break, and with ordinary care will last for many years. The truck is 39½ inches wide, outside measurement, and can be used either with the Water Barrel, Leaf Rack or Hand Cart. All being made to attach or detach in an instant, they can be taken apart in a few moments and stored in very little space.

Truck and Water Barrel	Truck and Leaf Rack	Truck and Hand Cart
With 1½ in. tires \$12.00	With 1½ in. tires \$14.00	With 1½ in. tires \$12.00
" 2½ in. " 13.00	" 2½ in. " 15.00	" 2½ in. " 13.00
" 3½ in. " 14.00	" 3½ in. " 17.00	" 3½ in. " 14.00

Extra barrels with trunnions, \$3.50; extra trunnions, 50c. a pair. Leaf Rack only, \$7.50; Hand Cart Box only, \$4.00. The sprinkler attachment for watering lawns and walks, a great convenience for home, parks, etc. Price complete, \$4.00.

This new type of South Bend Plow is the most efficient plow for the private garden, farm and truck grower's use and we recommend it to all our customers for both heavy, clayey or sandy land.

No. 10-X. Full 2 horse, heavy duty plow with full shin share and flanged landside wood heel, clevis, wrench and extra chilled share, wheel and jointer. Furrow capacity, 7½ x 13 inches. \$15.00.

No. 2-F. Chilled combination light draft 2 horse, high mouldboard of chilled metal. Fine for loose, sandy soil. Complete with clevis, wrench, share, wheel and jointer. Furrow capacity, 6½ x 11½ inches. \$13.75.

No. 151. Special chilled steel beam 2 horse. Adapted for the most rigorous work among rocks and flinty limestone. Furrow capacity, 7 x 12 inches. Clevis, wrench, extra steel share, wheel and jointer. \$16.00.

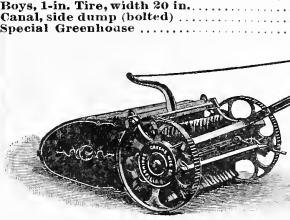
No. 1-B. One horse, chilled, wood beam. For garden work it cannot be excelled. Furrow capacity, 6½ x 9 inches. Clevis, wrench and extra chilled share. \$6.00.



Wheelbarrows For Farm and Garden Use

The measurements of barrows are understood, viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

No. 4.	Eastern, 3-in. Tire, width 27 in.	.....	\$5.00
No. 5.	Eastern, 3-in. Tire, width 27 in.	.....	5.00
No. 2.	Eastern, 1½-in. Tire, width 24 in.	.....	4.75
No. 3.	Eastern, 1½-in. Tire, width 24 in.	.....	4.35
No. 271.	Lawn and Stable	.....	6.50
Boys, 1-in. Tire, width 20 in.	.....	3.00	
Canal, side dump (bolted)	.....	3.50	
Special Greenhouse	.....	5.50	



Apollo Lawn Cleaners

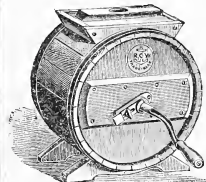
For sweeping lawns, paths, golf greens, tennis courts, etc. 23 inches wide, with rubber tires. Price, \$23.00.

Keystone Leaf Rack

This can be attached to any size wheelbarrow with removable side. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can be readily taken apart, occupying but little space when not in use. Price, \$5.00.



Keystone Leaf Rack



Cylinder Churns Made of the Best White Cedar

Combines more advantages than any other churn made. Dasher quickly removed for cleaning. Will produce butter in one-half the time and much easier than any other. Light, neat, strong and durable. The churn for everybody.

No. 1.	Will churn 3 gallons	.....	\$2.50
" 2.	" " 4 "	.....	3.00
" 3.	" " 7 "	.....	3.50
" 4.	" " 10 "	.....	4.00

Eureka Sod Tamper

Useful in laying new sod—and in tamping back sod that has heaved from frost or other causes—leveling hummocks in putting greens, etc. Cast iron, 9½ x 9½ inches square, weighs with handle 17 pounds. Price, \$1.35 each.



Sod Tamper

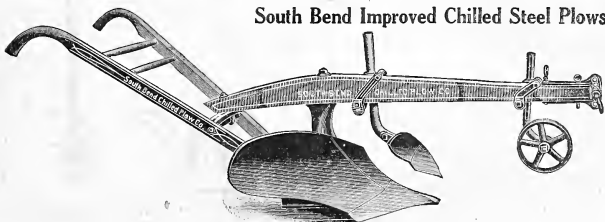
Eureka Sod Perforator

An invaluable tool to aid in renovating bad spots in lawns, grass plots, putting greens, etc. It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which much of the seed or fertilizer drops when broadcasted, thus preventing its being blown or washed away. The holes are filled with soil by the first rain, which covers the seed so it can germinate. Price, \$3.50.



Sod Perforator

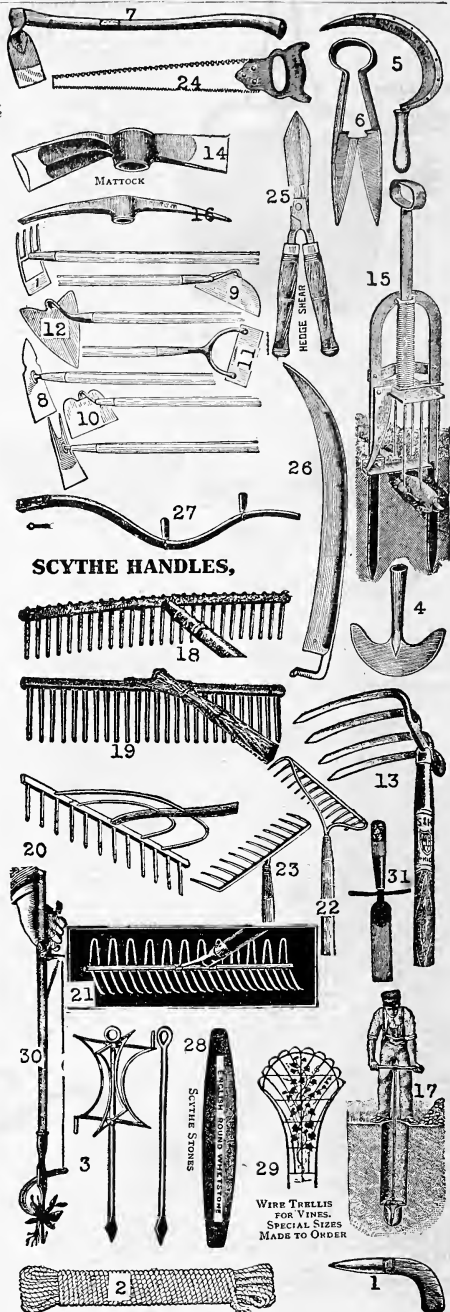
South Bend Improved Chilled Steel Plows



No.			
1	Dibble. Heavy brass point.....	\$0 75	
	Heavy wrought iron point.....	50	
	Heavy cast iron, one piece.....	50	
	Hollow cast iron.....	45	
2	Garden Line. Woven extra, very durable, per yard....	6	
	Woven heavy, per yard.....	4½	
	Woven medium, per yard.....	3	
3	Garden Reel. Wrought iron, heavy galvanized, single....	1 75	
	Double ribbed.....	2 50	
	Malleable iron. Small, 60c.; large.....	85	
4	Grass Edging Knives. With handle, English steel, 8-in....	1 50	
	9-in.....	1 65	
	American steel, 9-in.....	75	
5	Grass Hooks. English, riveted back. No. 0, 45c.; No. 1, 55c.; No. 2, 60c.; No. 3.....	70	
	American. Solid back, 35c.; Dutch.....	55	
6	Grass Shears. No. 0, unpolished, No. 1, polished.....	50	
	No. 3, steel, 75c.; No. 4, steel, \$1.25; No. 5.....	1 75	
7	Hoes. New Jersey mattock, 6-in., \$1.15; 7-in., \$1.25; 8-in.....	1 40	
	No. 8. One point, 35c.; two points, 40c.; four points.....	50	
	No. 9. Half moon, solid socket, 3-in., 45c.; 4-in., 50c.; 5-in., 55c.; 6-in., 60c.; 7-in., 65c.; 8-in.....	70	
	No. 10. Square, solid socket, 6-in., 60c.; 7-in., 70c.; 8-in.....	75	
	No. 11. American Scuffle Hoe, 6-in., 70c.; 7-in., 75c.; 8-in.....	80	
	No. 12. Warren, No. 1, 65c.; No. 2, 75c.; No. 3.....	85	
	No. 13. Potato drag, 4 prongs, steel.....	65	
14	Mattock. Steel, with handle. Light, \$1.00; medium, \$1.25; heavy.....	1 45	
15	Mole Trap. Rittenhouse.....	75	
	Ohlstead, can be used with weights.....	1 50	
	Turner's Perfection, the best of all.....	2 50	
	English, for hot beds.....	40	
16	Picks. Steel, with handle. Light, 95c.; medium, \$1.25; heavy.....	1 45	
17	Post Hole Digger. (Perfection.) Will bore 3½ feet deep and a hole from 8 inches to 14 inches in diameter. It is the best digger made.....	3 50	
18	Rakes. Olsen's hickory awn, 26 teeth.....	50	
	No. 19. Lawn King, wood; 26 teeth, 50c.; 38 teeth, 75c.; 50 teeth.....	1 00	
	No. 20. Rhodes', wooden; 14 teeth.....	1 00	
	No. 21. Excelsior lawn, tinued steel wire, 24 teeth, 50c.; 36 teeth.....	85	
	No. 22. Cooley's Bow, steel, 11 teeth, 65c.; 13 teeth, 75c.; 15 teeth.....	90	
	No. 23. Gravel, short steel teeth; 14 teeth, 65c.; 16 teeth, 70c.; 18 teeth, 80c.; 20 teeth.....	95	
24	Saws, Pruning. Duplex (double edge), first quality, 18-in., 80c.; 20-in.....	90	
	Single edge. First quality; 16-in., 65c.; 18-in., 75c.; 20-in., 90c.; 22-in.....	1 10	
25	Shears, Hedge. English, with fly nut; 9-in., \$2.50; 10-in.....	2 75	
	American, 8-in., \$2.00; 9-in., \$2.25; 10-in.....	2 75	
	American Ladies'.....	1 00	
26	Scythes. Marshall's lawn, riveted back, English; 30-in., \$1.20; 32-in., \$1.30; 34-in., \$1.40; 36-in.....	1 50	
	American lawn. No. 1, 90c.; No. 2.....	1 00	
	American brush, short or long, each.....	90	
27	Scythe Snaths. Perfection, with universal adjustment.....	95	
28	Scythe Stones. Welsh, 25c.; Round English.....	25	
	American Darby, 10c.; carbondurum emery.....	25	
29	Trellises. Galvanized wire. 12-in., 25c.; 15-in., 30c.; 18-in., 40c.; 24-in.....	50	
30	Weed Puller. Cleveland, 60c.; Dock lifter.....	2 25	
	Excelsior dandelion.....	25	
31	Weed Spud. Long handle.....	75	

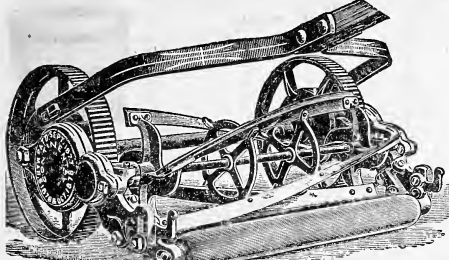
HANDY HAND CART

Holds four milk cans, or four bushel baskets, or one barrel, or a box 26 in. long, 25 in. wide, 15 in. deep. A gentleman's friend; nothing to equal it about a lawn, garden, yard, farm or stable. Easily loaded, easily unloaded, easily handled. Price (wheels 1½-in. tire), plain with platform, \$18.75; with detachable box boards, \$10.75; with detachable box boards and flaring hopper holding 12 bushels of leaves, litter, etc., \$15.00. Wheels with 3-in. tire, \$2.00 extra. Its usefulness is unlimited and is not confined to one special purpose.



WIRE TRELLIS
FOR VINES.
SPECIAL SIZES
MADE TO ORDER

Lawn Mowers, Lawn Sweepers, Etc.



Continental Lawn Mower

CONTINENTAL LAWN MOWERS

This mower is designed especially for hard and constant wear. All knives crucible, oil tempered steel. Low Wheel, $7\frac{1}{2}$ in. diameter.

High Wheel, $9\frac{1}{2}$ in. diameter.		Low Wheel, $7\frac{1}{2}$ in. diameter.	
15 inch	\$15.00	12 "	9.50
17 "	17.00	14 "	10.50
18 "	19.00	16 "	11.50
21 "	21.00	18 "	12.50

PENNSYLVANIA LAWN MOWERS

Low Wheel, 8 in. diameter		High Wheel, $10\frac{1}{2}$ in. diameter	
10 inch	\$8.50	15 inch	\$15.00
12 "	9.50	17 "	17.00
14 "	10.50	19 "	19.00
16 "	11.50	21 "	21.00
18 "	12.50		

PENNSYLVANIA PONY LAWN MOWER

4 AND 6 BLADES, CRUCIBLE STEEL

This machine is also designed for two men where a horse or pony is not available. Cuts a swath 25 inches wide. Fitted with a wooden roller in the rear. Prices, 4-blade cylinder \$32.00, 6-blade \$38.50.

Pennsylvania Horse Lawn Mowers

The Only Self-sharpening Horse Mowers. 4 and 6 knives. The Pennsylvania Mower gives genuine satisfaction because it is made with crucible steel blades and a special self-sharpening stationary knife. It is light and durable and is especially adapted for hilly lawns.

30 inch, with draft irons only	\$70.00	\$85.00
30 " with seat and shafts and side draft attachment	\$2.00	77.00

The New Pennsylvania Grand Horse Mower

Embraces many exclusive features not found in any other mower. The blades are oil-hardened and tempered crucible steel. Extra wide and heavy, and self-sharpening. The height of the cut can be regulated by simply turning a wheel which raises and lowers the mower on the castors, so that it will cut from $\frac{1}{4}$ to $\frac{3}{4}$ inches. The operator can do this without leaving his seat. We recommend the Pennsylvania Grand as the best horse mower made.

38 inch, with draft irons only	\$92.00	\$85.00
38 " with seat and shaft and side draft attachment	105.00	97.00
New Braun Grass Box, for 30-inch mower	\$17.00	
38 " " " "	22.50	

Always state for which mower the grass box is wanted, Pennsylvania or Pennsylvania Grand.

The above mowers are all four-blade open cylinders. Six-blade machines, \$9.00 extra. Complete catalogue on Pennsylvania Horse Lawn Mowers mailed on request. All implement prices subject to market changes.

Pennsylvania Golf Greens Mowers

6 Crucible Tool Steel Blades, Hardened and Tempered in Oil. The Pennsylvania Golf is peculiarly adapted for fine, close cutting work, as is desired on golf courses. It is fitted with three-eighths of an inch of the ground. This machine is self-sharpening. 8-inch or low wheel, plain bearing; 14-inch \$14.00, 16-inch \$16.00, 18-inch \$18.00. $9\frac{1}{2}$ -inch or high wheel, plain bearing; 17-inch \$20.00, 19-inch \$22.00, 21-inch \$24.00.

The Ball Bearing

High wheel pattern has 7 knives in cylinder, and it is fitted with a sectional iron roller in place of the ordinary wooden one. This machine is used on many of the world's most famous golf courses and is unequalled for putting green work. High wheel, 7 knives; 17-inch \$22.00, 19-inch \$25.00, 21-inch \$27.00. Low wheel, 6 knives; 14-inch \$16.00, 16-inch \$18.00, 18-inch \$20.00.

Grass Boxes for Pennsylvania Golf Greens Mowers. 14-inch \$2.00, 16-inch \$2.50, 18-inch \$3.00, 19-inch \$3.50, 21-inch \$4.25.

The Pennsylvania

Hand Lawn Cleaner and Rake

This machine will remove from the lawn not only the cut grass, but all sorts of litter, leaves and trash, leaving the grass standing upright and free from foreign matter that prevents the sunlight and dew from getting to the roots. Price, 24-inch, \$16.00, 36-inch, \$25.00.

Prices of the Braun Grass Catcher

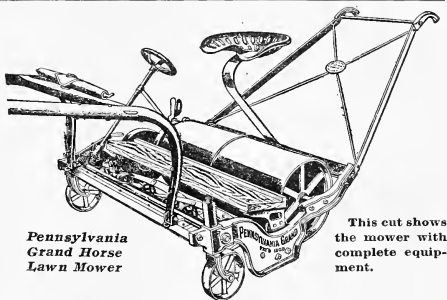
These catchers will fit all Pennsylvania, Continental and other makes of the Pennsylvania Lawn Mower Co. 10-inch \$1.50, 12-inch \$1.80, 14-inch \$1.80, 16-inch \$1.90, 18-inch \$2.00, 15-inch \$1.90, 17-inch \$2.00, 19-inch \$2.10, 21-inch \$2.25.

Great American Ball Bearing Lawn Mower

SELF-SHARPENING

The manufacturers claim for this machine the best success ever reached in a ball bearing motor. Moderate in price, accurate and reliable in all its functions, it has been popularly recognized as the standard ball bearing mower. The bearings, which are on the cylinder journals only, are encased carefully, so as to be thoroughly dust-proof. The cylinder has five blades of crucible tool steel, oil tempered, and the stationary knife is so constructed with a raised cutting edge that the mower is positively self-sharpening. Handsomely finished in aluminum and gold.

High Wheel, 10 in. diameter			
15-inch.....	\$11.50	19-inch.....	\$13.50
17 ".....	12.50	21 ".....	15.00



Pennsylvania Grand Horse Lawn Mower

This cut shows the mower with complete equipment.

Philadelphia Horse Lawn Sweeper

A simple machine for cleaning the lawn. The box can be dumped without stopping. Sweeps 40 inches wide. Price, \$85.00.

Coldwell Horse Lawn Mower

Everywhere, upon our largest lawns, upon golf courses throughout the country, the Coldwell is in evidence. Each machine is fitted with a device for regulating the height of cut by the mere raising or lowering of a lever. Every mower guaranteed. The mowers offered here are four-blade cylinder machines. Price on six-blade cylinders furnished on application.

Descriptive booklet on Coldwell Mowers mailed upon request.

25-inch, Pony	\$45.00	25-inch, with seat and shafts	\$85.00
30 " with seat and shafts	70.00		110.00

The above prices include prepaid freight where mowers are sent direct from the factory.

Cadet Lawn Mower

Well built, durable and self-sharpening.			
12-inch	\$3.50	16-inch	\$3.90
14 "	3.75	18 "	4.50

Horse Lawn Boots

No. 1	\$8.50	No. 2	\$9.00	No. 3	\$10.00
-------	--------	-------	--------	-------	---------

Special Lawn Mower Oil

Pure oil that will not gum and which will prolong the life of the machine. XX gal. \$1.00, XXX gal. \$1.25

Roller Bearing Hand Rollers

DRUMS—Of Cast Five Spoke Wheels with Ground Smooth Face and fine Aluminum Finish.

BEARINGS—Steel Roller Bearings mechanically constructed and run so easy a child can operate.

HANDLE—Of Steel with Wood Hand Hold and all firmly braced and neatly finished. Our Round Edge will not tear up the lawn.

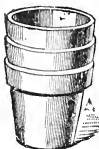
No.	In. Diam.	In. Wide	Sections	Lbs. Weight	Price
1	15	15	2	150	\$9.00
2	16	22	3	200	11.50
3	20	20	2	250	12.50
4	20	24	2	300	14.75
5	20	20	3	350	17.25
6	24	20	2	400	19.50
7	24	30	3	500	24.50

STANDARD FLOWER POTS

Full Inside Measurement, Height and Width

No Charge for Barrels or Packing

Six at doz. rates; 50 at 100 rates; 500 at 1000 rates.



Size	Doz.	100	1000	Size	Each	Doz.	100	1000
1 1/2 in.	80	10	85.25	5 1/2 "	\$0.07	.75	4.90	37.80
2 "	10	.68	5.25	6 "	.08	.90	6.50	50.40
2 1/2 "	10	.77	5.95	6 1/2 "	.10	1.20	8.10	63.00
3 "	15	.90	7.00	7 "	.15	1.75	11.70	
3 1/2 "	18	1.20	9.10	8 "	.22	2.00	18.00	
4 "	18	1.45	11.20	10 "	.27	2.75	24.50	
4 1/2 "	20	1.65	12.00	11 "	.40	4.00	36.00	
5 "	30	1.80	14.00	12 "	.40	5.00	48.00	
5 1/2 "	35	2.45	18.50	14 "	1.00	10.00	81.00	
6 "	45	3.25	25.20	16 "	2.00	20.00	180.00	

FLOWER POT SAUCERS

Size	Each	Doz.	100	Size	Each	Doz.	100
4 in.	\$0.02	\$0.20	\$1.35	9 in.	\$0.18	\$0.80	\$6.75
4 1/2 in.	.03	.30	1.80	10 "	.10	1.00	8.10
5 in.	.04	.40	2.70	11 "	.15	1.50	9.90
6 in.	.05	.50	3.60	12 "	.20	2.00	12.15
7 "	.06	.60	4.50	14 "	.25	2.50	20.25

ROUND BULB OR LILY PANS



BULB OR LILY PAN

Width	Height	Each	Doz.	100
5 in.	3 in.	\$0.04	\$0.45	\$3.25
6 "	3 "	.07	.75	4.90
6 1/2 "	3 1/2 "	.10	1.20	8.10
7 "	4 "	.15	1.75	11.70
8 "	4 1/2 "	.22	2.00	18.00
9 "	5 "	.27	2.75	24.50
10 "	5 1/2 "	.40	4.00	36.00
11 "	6 "	1.00	10.00	81.00
12 "	6 1/2 "	2.00	20.00	180.00

THERMOMETERS

Tin case, japanned, 7 in. 15c.
8 in. 20c., 10 in. 25c., 12 in. 30c.

Dairy Floating, 50c., copper case 75c.

Registering Heat and Cold, \$2.50 and \$3.50 each.

Hot-Bed, 25c., 50c. and \$1.50.

Incubator Thermometers (see Poultry Catalogue).

Heavy Mercurial of Precision, \$1.00, \$1.50 and \$2.00.
Lactometers, 50c.

BELLOWS

WOODMAN'S DOUBLE CONE POWDER BELLOWS

For dusting plants with dry powders. Can be held in any direction without wasting powder and does not clog up. Price, \$3.50.

SINGLE CONE POWDER BELLOWS

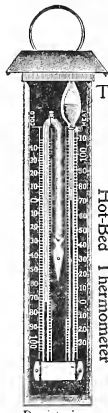
Price, large size, \$2.50. Small size, \$1.50.



WORLD'S FAIR HIGHEST AWARDS

Powder and Spray Bellows

STANDARD THERMOMETERS



Registering

Hot-Bed Thermometer



Dairy



TIN

WOODMAN'S FLUID VAPORIZING BELLOWS

For spraying plants with fluid decoctions for insects and fungus. Price, large size, \$3.00. Small size, \$2.00.

SULPHUR, price, \$1.75.

FERN PANS

Width	Height	Each	Doz.	100
4 1/2 in.	2 1/2 in.	\$0.05	\$0.35	\$3.60
5 1/2 "	3 "	.06	.63	4.50
6 1/2 "	3 1/2 "	.07	.75	5.40
7 "	3 3/4 "	.08	.85	6.80
8 "	4 "	.15	1.15	9.00
9 "	4 1/2 "	.15	1.50	10.80

FERN DISH LINER

Width	Height	Each	Doz.	100
7 in.	1 1/2 in.	\$0.10	\$1.00	\$6.30



Secateur Everlasting Spring

Secateur.	Everlasting spring, 8-inch.	Each	Doz.	100
Secateur.	Everlasting spring, 9-inch.	3.00	01	7 "
Secateur.	Roller spring, 8-inch.	1.50	11	5 1/2 "
Secateur.	Roller spring, 10-inch.	2.60	22	4 1/2 "
Secateur.	Ribbon spring, 8-inch.	1.25	33	4 "
Secateur.	Ribbon spring, 9-inch.	1.50	44	3 "

PRUNING SHEARS

Imported

STANDARD TREE AND PLANT TUBS

Made of white cedar, painted green and bound with extra iron hoops. Drop handles. Iron legs.



No.	Outside diam.	Inside diam.	Length of stave	Each
1	25 "	23 1/2 "	22 "	\$5.00
2	23 "	21 "	20 "	5.00
3	21 "	19 1/2 "	18 "	4.50
4	18 "	16 1/2 "	16 "	4.25
5	16 "	14 1/2 "	14 "	2.75
6	14 "	12 1/2 "	12 "	2.25
7	12 "	10 1/2 "	10 "	2.00
8	12 "	10 1/2 "	9 1/2 "	1.75

"EXCELSIOR" PLANT TUBS

Made of cypress, painted green, iron feet.

No.	Diam.	Staves	Price	No.	Diam.	Staves	Price
No. 1, 13 inches	11 inches	11	\$1.00	No. 4, 20 inches	18 inches	21	\$2.50
No. 2, 14 1/2 "	15 "	15	1.50	No. 5, 24 "	21 "	21	3.00

Wood Fibre Rolling Stands for Heavy Plants

Takes tub diam. at bottom.

		Each	Doz.
12 in., for a 10 in.		\$0.70	\$7.56
14 "	11 "	.83	9.00
16 "	13 "	1.00	10.80
18 "	15 "	1.17	12.60
20 "	17 "	1.45	15.75
22 "	20 "	1.75	17.50



Wood Fibre Rolling Stand for Heavy Plants

WOOD FIBRE SAUCERS

5 in.	Each	Doz.	10 in.	Each	Doz.
5 in.	\$0.15	\$1.62	10 in.	\$0.21	\$2.27
6 "	.16	1.68	12 "	.25	2.62
7 "	.17	1.78	14 "	.33	3.56
8 "	.18	1.89	16 "	.56	6.05
9 "	.20	2.10	18 "	.66	7.12



Wood Fibre Saucer

LABELS

Wood, painted, for pots.			Size	Per 100	Per 1000
Size	Per 100	Per 1000	6-inch	\$0.30	\$1.50
4-inch	\$0.15	\$1.00	8 "	.50	4.00
4 1/2 "	.20	1.10	10 "	.60	5.00
5 "	.25	1.50	12 "	.75	6.50
3 1/2 in.-wood, for trees, shrubs, etc., copper wired				.25	1.75
Copper, indestructible, No. 2, heavy, doz., 50c.; gross					2.50

STAKES

Light, tapering, round, painted green.

1 1/2 feet.	Per doz.	Per 100	3 feet.	Per doz.	Per 100
2 "	.35	3.15	3 1/2 "	.80	5.25
2 1/2 "	.50	3.50	4 "	.85	6.00
			5 "	1.00	7.00

Heavy Rose or Dahlia.

3 feet.	Per doz.	Per 100	5 feet.	Per doz.	Per 100
4 "	1.25	8.00	6 "	1.75	12.00

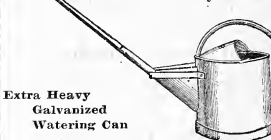
Galvanized hand drawn steel, No. 10. Wire stakes.

2 feet.	Per 100	Per 1000	4 feet.	Per 100	Per 1000
2 1/2 "	\$1.00	\$10.00	5 "	\$1.50	\$15.00
3 "	1.25	12.50	6 "	2.00	20.00
3 1/2 "	1.50	15.00	7 "	2.25	22.50

Western Cane Stakes, 6 to 8 feet long, \$1.00 per 100.

WATERING POTS

Extra Heavy Galvanized Iron Watering Pots



Extra Heavy Galvanized Watering Can

With long spout and two copper faced roses, extra well made. 4 qts. \$1.75, 6 qts. \$2.00, 8 qts. \$2.25, 10 qts. \$2.50, 12 qts. \$2.85, 16 qts. \$3.75.

XXXX GALVANIZED IRON WATERING POTS

6 qts. 45c., 8 qts. 65c., 10 qts. 75c., 12 qts. \$1.00, 16 qts. \$1.35.

WOOD FIBRE VASES

For cut flowers; neat, attractive and waterproof.

No.	Diam.	Depth.	Each	Doz.
0	8 in.	13 in.	\$0.75	\$8.10
1	5 1/2 "	10 "	.57	7.50
2	4 1/2 "	9 "	.57	6.12
3	4 "	6 "	.47	5.04
4	3 "	4 1/2 "	.38	4.75
5	0	9 1/2 "	.22	3.50
6	0	7 "	.20	2.40
7	0	5 1/2 "	.18	2.16
8	0	4 1/2 "	.15	1.80
9	0	3 1/2 "	.12	1.44
10	0	3 "	.07	1.08



WOOD FIBRE VASE

You Must Spray to Save Your Trees, Fruits and Crops

"AUTO-SPRAY" No. 1

A SELF-OPERATING OR AUTOMATIC SPRAYER

A practical machine for spraying potatoes, tobacco, small fruits, vineyards, greenhouses, poultry houses, etc. Also excellent for whitewashing and disinfecting buildings, etc.

"Auto-Spray" No. 1 is the strongest, most useful and most generally used of all spray pumps. It will do all that any spray pump can do, and in most cases it will do the work quicker and better. It has superseded the bucket and knapsack sprayers, which require constant pumping, and is positively and absolutely guaranteed against all defect. Tested before leaving the factory.

No. work to operate the "Auto-Spray." The user simply holds the handle after compressing the air with a few strokes of plunger. Nearly 200,000 of these sprayers are now being used with extreme satisfaction.

We recommend the brass tank as costing but little more than galvanized, and it is practically indestructible.

When desired we furnish brass extension pipes in two-foot lengths for spraying trees. The usual equipment for tree work is three lengths, and the price is given below. With every "Auto-Spray" is supplied FREE OF CHARGE the most complete and up-to-date spray calendar ever issued.

Capacity about 4 gallons.

The sprayer being carried by the shoulder strap leaves both hands of the person operating holding to do but direct the spray.

By the action of the "Auto-Pop" a deformer stem is passed through the nozzle every time the "Auto-Pop" is closed, hence the nozzle is automatically cleaned every time it is opened.



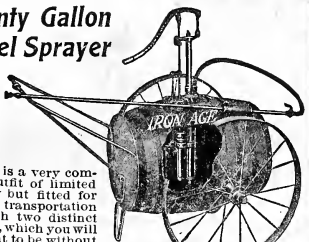
PRICES "AUTO-SPRAY" No. 1

1—A. Brass, with Stop Cock	\$8.00	Brass extensions, 2 ft. lengths, each	\$0.00
1—B. Brass, with "Auto-Pop"	8.50	Galv. extensions, 2 ft. lengths, each	.40
1—C. Galv., with Stop Cock	5.00	Brass elbows (for underside of foliage)	.45
1—D. Galv., with "Auto-Pop"	5.50	Brass strainer. Can be used for any type sprayer	1.35

LEGGETT'S CHAMPION DRY-POWDER DUSTER

Distributes Paris Green, Hellebore, Sulphur, Dry Bordeaux Mixture, etc. Dispenses with bother and labor of using water. For farm, garden, vineyard, tobacco fields, etc. This implement has proved itself "Champion," being far ahead of any other machine in its capacity to distribute a uniform and almost imperceptible quantity of Paris Green or other powder, doing effective work without injuring the foliage when used properly. The dry method is rapidly superseding liquid sprays. Will do as much work in a day as a horse-power sprayer. Will green two rows of potatoes at once as fast as a man walks. Adjustable to any width of row. Anyone can use it. Will not get out of weight about 6 lbs. Each machine is packed in a case complete, comprising 4 tubes, 6 nozzles, 2 straps and oil can. Made in best manner, of tin, iron, steel and brass. We give this sprayer our unqualified endorsement. No. 1, price \$9.00. Champion No. 2, larger and more powerful than No. 1, specially recommended for distributing powdered arsenate of lead, has 8-inch fan box. Price \$12.00.

Twenty Gallon Barrel Sprayer



This is a very complete outfit of limited capacity but fitted for easy transportation and with two distinct features, which you will not want to be without when you have used the rig once.

The agitator is a practical one, is automatic and keeps the solution stirred thoroughly.

Ready and safe transportation. The barrel is mounted on a simply constructed truck, which can be pushed or pulled to the scene of your work without much effort. The wheels are 24 inches in diameter and have staggered spokes, double hubs, and 2-inch tires.

Equipment. The pump includes 33 inches of half-inch hose and two lengths of pipe, 2 feet each, with stop cock, improved Verneuil nozzle and one sliding hand grip, an extra cap for washing wagons, windows, etc., and steel handles and barrel leg.

One-man affair. Pump with one hand and guide your spray rod with the other. 100 pounds pressure. Price \$18.00.

"AUTO-SPRAY" No. 3-B.

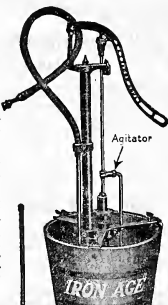
FOR WHITE-WASHING AND GENERAL SPRAYING OF LARGE ORCHARDS

This sprayer is more powerful than our No. 1 Auto-Spray, and is suitable for both large and small work. The reservoir is made of heavy galvanized iron and holds 8 gallons of mixture. The cover is reinforced and so designed that the pump may be instantly removed, thus exposing all working parts. The pump is made entirely of heavy brass. There is an agitator which is operated by the handle, and which keeps the solution thoroughly mixed. All valves are easily cleaned—the plunger is simple and effective and easily adjusted to take up all wear. This pump is fitted with 8 feet of three-ply discharge hose, stop cock, and two 4-foot lengths of extension pipe. It is perfectly practical and convenient for spraying large trees or white-washing and painting large factories as well as poultry houses and other buildings. It will be found very satisfactory. Price, "Auto-Spray" No. 3-B, Complete with 8 feet of Hose, Extension pipe, Stop Cock, and No. 2 and Universal Self-cleaning Nozzle, \$12.00.

Bucket Sprayer

This rig includes No. 182 Bucket Pump and a strong bucket, securely fastened to it. The bucket is easily detached for cleaning, or when pump is to be used elsewhere, the whole outfit can be carried by the handle or bracket at the top. Has an automatic agitator and two-foot steel pipe extension for bushes, small trees, etc.

Price, \$8.00.



For Farm, Garden, Vineyard, Tobacco Fields. Dust potato vines as fast as you walk, two rows at a time. Reservoir holds nearly a quart of powder. Machine weighs 6 lbs. One packed in a case complete, 3 tubes, 5 nozzles and strap. Our Improved Little Giant differs but slightly from our Champion Duster except in size, being a trifle smaller. Price, \$7.00.

For Vineyards, Truck Gardens, Nurseries, Potatoes, Tobacco and Cotton Fields, Orchards, Poultry Houses, etc. Tank conceals to fit the back. All brass pump. The most durable, practical and satisfactory Knapsack Sprayer ever made. Will spray all manner of liquids.

Our No. 3 machine consists of a copper tank holding four gallons, and a pump made entirely of brass, which cannot corrode or rust. There is a large air chamber placed inside the tank, which has sufficient capacity to keep up the pressure and continue to discharge the spray for one minute after the operator stops pumping. By removing five brass screws on top of tank the pump can be lifted out. Lower valve is screwed to bottom of cylinder, hence no trouble or expense to reach valve. Tank having rounded ends is stronger and less liable to leak. Pump has no working leathers or coppers, complete with Automatic Churn Dash Agitator, \$17.50. No. 4 Galvanized Steel Tank, complete, \$11.50.



High Grade Fertilizers

Prices Subject to Market Changes

Ashes, Canadian Hardwood. Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early spring, so that the rains and snows may wash the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1000 to 1500 lbs. per acre. 100 lbs., \$1.50; \$2.50 per bbl.; per ton, \$20.00.

Blood Fertilizer. Contains the largest amount of nitrogen of any bone or blood fertilizer. 100 lbs., 20c; 50c. per 10 lbs.; 25 lbs., \$1.75; \$6.00 per 100 lbs.; 200 lbs., \$11.50.

BONE FERTILIZERS

Decompose slowly in the soil, and therefore form excellent permanent improvement, less likely than any other fertilizer to waste. With bone there is no danger of burning the plants. Excellent for top-dressing lawns and grass lands, for garden and field crops.

Quantity required. For permanent pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For top-dressing, 1,000 to 1,500 lbs. per acre. For lawns and green crops, $\frac{1}{2}$ to 1 ton broadcast and harrowed in. For rose beds, pot plants, etc., one part to about fifty of soil.

DIAMOND BRAND RAW BONE FLOUR. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is, therefore, more quickly beneficial. Highly recommended for greenhouse and vegetable garden use. Will not produce mould in the soil. Price, 1-lb. pkgs., 10c.; by mail, 25c.; 5-lb. pkgs., 30c.; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.25; 200-lb. bag, \$6.00; ton of 2,000 lbs., \$45.00.

DIAMOND BRAND RAW CRUSHED BONE. Invaluable in the preparation of land for yielding in new lawns, grass lands, etc. Being slow but certain in its action, it is especially valuable in the preparation of grass borders, for fruit trees and fruit crops. Where a lasting fertilizer is required. Price, 100-lb. bag, \$3.25; 200-lb. bag, \$5.50; ton of 2,000 lbs., \$47.00.

Bone Fertilizer. Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 100 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; 200 lbs., \$4.50; ton, \$40.00.

Bone. Pure, Coarse Ground. Excellent fertilizer for lawns and borders, coarser than bone meal. 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200-lb. sack; \$38.00 per ton.

Bowker's Plant Food. Made especially for plants growing in conservatory or house. Clean, free from offensive odor. Package 25c.; by mail, 40c.

Clay's XXXX Fertilizer. A celebrated high grade English Fertilizer for greenhouses and garden use, highly concentrated and the very economical. Especially recommended for greenhouse use. 14-lbs., \$1.25; 28-lb. sack, \$2.25; \$4.00 per 56 lbs.; 112 lbs., \$7.00.

Dissolved Bone. Fine for immediate results. \$4.00 per 200 lbs.; ton, \$36.00.

FISH AND POTASH (Guaranteed Analysis) B

One of the Best and Cheapest Fertilizers Known for All Crops, Either Vegetables, Grass or Grain

It is especially valuable to Market Gardeners and we recommend it to all who require fertilizer for any crop. This brand of Fish and Potash is rich in ammonia and in all those constituents which are necessary for plant food. It is exceedingly beneficial to those lands that have been well exhausted, as it supplies and renews those properties which have been taken from it by the constant drain of produce every year. It is manufactured from Menhaden Fish and high grade Potash. 5 lbs., 25c.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lbs., \$4.00; ton, \$37.50.

HIGH GRADE ACID PHOSPHATE (Guaranteed Analysis) B
200 lbs., \$3.50; ton, \$25.00.

EXCELSIOR GUANO (B)

For grain and grass and corn crops. 100 lbs., \$3.50; ton, \$33.50.

Kainit (German Potash Salt). Analysis: 12 per cent. actual Potash. One of the most useful ingredients for making "Commercial" fertilizers for using alone. If used on lawns it should be spread during winter. Apply at the rate of 100 lbs. per 1000 sq. ft.

Land Plaster (Nova Scotia). A valuable top dressing. It also purifies and sweetens worn out, sour soils. Used also extensively for mixing with Paris Green for destroying insects. 5 lbs. 15c.; 30c. per 25 lbs.; 50 lbs., 50c.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$12.00 per ton.

Rose and Carnation Bone. A special preparation of highest grade raw bone, specially recommended for these plants. 50 lbs. \$2.25, 100 lbs. \$4.00, 200 lbs. \$7.50.

SPECIALLY PREPARED DOLOMITE CARBONATE LIME

Apply the proper kind and quantity of calcium carbonate of lime to your soil and your crops and manure and its fertilizing power will be made more certain. It has been found that potatoes and rye still give moderate yields on good soils when the proportion of lime is as low as 0.6%. Under the same conditions other crops were stunted or failed entirely. The lime requirements of other cereals are somewhat higher than those of rye, white clover, red clover, alfalfa, and alfalfa, demand even more lime in the soil for their proper development. Red clover will best when the soil contains least 3% of lime and alfalfa needs most suitable conditions for vigorous growth when the percentage of lime reaches or exceeds 0.4%. As to the proportion of lime required in sand or clayey loam in general, it may be said that the larger the proportion of clay in the soil the greater will be the amount of lime required to make it productive. Soils under cultivation lose considerable quantities of lime from year to year. The loss of lime is mainly due to the removal in the crops. A ton of alfalfa hay will take out of the soil about fifty pounds of lime, and as the average yield of alfalfa hay is about five tons per acre, the need for heavy applications of

Cow Manure. Evaporated.—Extra quality for mulching making liquid manure and top dressing. 100 lbs. is equal to three cartloads. \$2.25 per 100 lbs.; 300 lbs., \$10.00; \$16.00 per 1000 lbs. ton \$30.00.

Manure. We can supply at short notice, strictly first-class short or long manure, in carloads and lots only at \$2.25 per ton; special grades at \$2.50 per ton and \$2.75 per ton.

COMPLETE ANIMAL BONE FERTILIZER (Guaranteed) B

The great standard for all crops, of which it is scarcely necessary to speak in detail. As a grass and grain feeder this is without a rival. Its nature's own restorative for exhausted soils—takes the "sourness" out of "wet" soils and brings life to those which have been overworked, or which lack the essentials for vegetable growth. It is good for every kind of soil and for every farm and vegetable crop, and it is almost essential for wheat, rye, oats and all cereals. 200-lb. bag, \$4.00; ton, \$38.50.

WHEAT FERTILIZER. FOR WHEAT AND GRASS

(Guaranteed Analysis) B

This is all that its name implies—a lively stimulant and a strong feeder for all vegetable crops that need to go at high pressure. It is full of ammoniacal force and substantial plant food and it does the work. 200-lb. bag, \$3.50; ton, \$33.00.

Muriate of Potash. 80 per cent. pure, equivalent to 45 to 50 per cent. actual potash. A high grade Fertilizer and one of the best Orchard Fertilizers known; used largely in peach cultivation, and as a general Fertilizer Muriate of Potash and Ground Bone stand as leaders.

Nitrate of Soda. Should not be applied until the plants are above the ground, equivalent to 100 lbs. per acre to 100 lbs. per acre. 100 lbs., \$1.00; \$2.25 per 25 lbs.; 50 lbs., \$4.00; \$6.50 per 100 lbs.; 200 lbs., \$12.00.

Phosphate, Double Eagle, Super High Grade (B). It stands without a rival as the best phosphate for pot plants at this price. Apply 400 lbs. per acre. 100 lbs., \$3.50; \$30.00 per ton.

POTATO AND TRUCK SPECIAL (Guaranteed Analysis) B

Particularly adapted to early potatoes, fine for general early garden truck. A great hot-bed stimulator. Very popular with vegetable growers everywhere. 200-lb. bag, \$4.50; \$42.00 ton.

Poudrette (Native Guano). Apply 1,000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is the best handled. Poudrette is absolutely harmless to human beings. Applied as a fertilizer to any garden crop. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs.; 600 lbs., \$6.00; \$9.50 per 1000 lbs. ton, \$90.00.

Sulphate of Potash. 5 lbs., 40c.; \$1.50 per 25 lbs.; 100 lbs., \$4.00; \$7.25 per 200 lbs.

Salt (Agricultural Brand). For top-dressing gardens or asparagus beds. Apply early in spring, at rate of 800 to 800 lbs. per acre. 10 lbs., 20c.; 25 lbs., 50c.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$12.00 per ton.

PURE PULVERIZED SHEEP MANURE

Sterilized and Free of All Weed Seed.

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity, it makes a rich Liquid Manure.

Quantity required. For garden and field crops, 1 to 2 tons per acre—one-half before plowing, the balance before harrowing. For top-dressing grass, 1 to 2 tons per acre. Apply early in spring. Price, 5 lbs., 35c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$9.00; $\frac{1}{2}$ ton, \$16.50; ton, \$32.00.

Soot (Imported Scotch). \$1.00 per 100 lbs.

Tankage. 100 lbs., \$2.50; \$4.00 per 200 lbs., \$36.00 per ton.

Thomson's Special Chrysanthemum and Flower Manure. An excellent fertilizer for chrysanthemums, carnations, and all flowering plants. 10 lbs., \$1.75; 28-lb. sack, \$4.00; 56-lb. sack, \$7.00.

Tobacco Stems. Largely used for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. \$1.25 per barrel; large bale, \$3.50; \$12.00 per $\frac{1}{2}$ ton; ton, \$24.00.

Rose and Carnation Manure. Highly concentrated and thus very economical. An excellent stimulant and specially recommended for these plants. 100 lbs. 75c., 50 lbs. \$2.50, 100 lbs. \$4.50.

lime for this and similar grass crops is apparent. Other crops will remove smaller quantities. The loss of lime in the soil due to conditions may be equivalent from 100 to 1,000 pounds of calcium carbonate of lime per acre. Owing to these and other reasons the periodical liming of all soils becomes necessary. All manner of farm and garden crops are greatly benefited by being treated to extra lime to the extent of the perfect development of all crops; all kinds of grasses are especially benefited by its use.

The amount of Dolomite or Calcium Carbonate of Lime to be applied to determine largely by the character and condition of the soil. We recommend from 1,000 to 5,000 pounds about every three years or corresponding smaller amounts annually. We will be glad to give further information upon request. All our Dolomite Carbonate of Lime is recommended to the extent of the perfect development of all crops. No preparation is necessary—it is ready for use as you get it. It needs no slacking.

	PRICE	
200-lb. bag	- - -	\$1.50
Per ton	- - -	8.00
	Special prices on car lots.	

Remedies for Insects and Fungus

Prices Subject to Market Changes

Ant Exterminator. Very effective for destroying ants in gardens and lawns. Per $\frac{1}{4}$ lb., 20c.; per $\frac{1}{2}$ lb., 40c.; per lb., 75c.

Aphine. For destroying aphids, green fly, thrip, red spider, brown and white scale and other greenhouse and outdoor insects. $\frac{1}{2}$ pt., 40c.; pt., 65c.; qt., \$1.00; gal., \$2.50.

Aphis Punt. Kills aphis and thrip very effectively. Especially valuable for rose fumigation. Per pkg., 60c.; 6.50 per 12 pkgs.

Arsenate of Lead. (Dry Powdered.) Dry Arsenate of Lead is preferred by gardeners to the paste Arsenate. A good rose bug remedy. Dilute 2 lbs. to 50 gals. of water. 1 lb., 35c.; 2 lbs., 65c.; 3 lbs., \$1.50; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$20.00.

Arsenate of Lead. (Paste.) For all insects. The best codling moth, curculio and rose-bug remedy. Dilute 1 oz. to 1 gal. of water. 1 lb., 25c.; 5 lbs., \$1.50; 25 lbs., \$8.50; 50 lbs., \$5.50; 100 lbs., \$10.00. Special price on large quantities.

B-K Disinfectant, Purifier and Bacilli Killer. Instantly kills all bad odors—and leaves none. It destroys the odor germs, leaves, causing putrid and clean. Gallons diluted only $\frac{1}{4}$ c. to 1 c., according to strength required. It is a powerful, non-poisonous deodorant and disinfectant which prevents diseases by killing the germs which cause them. Invaluable to the dairyman, milk producer, poultry raiser, cheese makers, household use, the sick room, milking machine user, hog sanitation, contagious abortion in cows, calf scours. It is clear as water. Circular free. It's cheap: one gallon of B-K will make from 125 to 500 gallons of dilution. Price, 1 qt., \$1.00; 1 gal., \$2.25; 5-gal. carboy, \$10.00.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphid and sucking insects of all kinds; dilutes 1 part from 100 to 1,000 parts of water, according to treatment; full directions on each package. 25c. for 1-oz. bottle; $\frac{1}{2}$ lb., 75c.; \$2.50 for 2 lbs.; 10 lbs. for \$10.75.

Bordeaux-Arsenate. This is a combination of Arsenate of Lead and Bordeaux Fungicide Mixture, in nature like Pyrox. Its use combines the best of both, and is most extensively used every year. Preventive of blight on potato, tomato, celery, etc. For rust, moulds, leaf spot, leaf blight, mildews, black knot, rot, and all fungous diseases. 1 lb., 35c.; 5 lbs., \$1.50; 25 lbs., \$8.50; 50 lbs., \$7.50. One pound makes 50 gallons of spray liquid.

Bordeaux Fungicide Mixture, Leggett's Dry. Is acknowledged to be the best fungicide, and is most extensively used every year. Preventive of blight on potato, tomato, celery, etc. For rust, moulds, leaf spot, leaf blight, mildews, black knot, rot, and all fungous diseases. 1 lb., 35c.; 5 lbs., \$1.50; 25 lbs., \$8.50; 50 lbs., \$7.50. One pound makes 50 gallons of spray liquid.

Bordeaux Mixture (Target Pulp Form for Liquid). By simply adding water and stirring it is ready for use. 1 qt., 40c.; 2-qt. can, 60c.; 1 gal., \$2.50; 5-gal. can, \$14.50. One gallon will make one barrel liquid. Full instructions with each can.

Bordeaux Mixture and Paris Green Dry Compound. This compound has proved very successful during ten years past. It kills the bugs and prevents blight. Defends plants against flea beetles and all manner of insects. Price, 1 lb., 35c.; 3 lbs., \$1.00.

Bug Death is a non-poisonous, insect-killing powder, that is in high favor, especially among gardeners, who use it extensively for cabbage and tomato worms, cutworms, and other insects. It is applied with a duster, bellows or powder-gun, at the rate of about 12 lbs. per acre. Price, 15c. lb.; 3 lbs., 40c.; 5 lbs., 60c.; 12 $\frac{1}{2}$ lbs., \$1.10; 50 lbs., \$4.50; 100 lbs., \$7.50.

Bug Death Killer, each, 25c.

Cutworm Killer. A poisoned compound, alluring and palatable, as well as destructive to all cut worms. Easy to apply, full directions with each package. 1 box, 25c.; by mail, postpaid, 32c.

Dalmation or Persian Powder. Pure. $\frac{1}{4}$ lb., 30c.; $\frac{1}{2}$ lb., 35c.; 1 lb., 60c.; 5 lbs., \$2.75.

Formaldehyde is successfully employed as a preventive of such fungoid diseases as rot, onion and grain smut, club root of cabbage, roses, etc. The dilution for most purposes is 1 lb. (1 pint) to 15 or 20 gallons of water and 1 to 2 gallons of this dilution is required for each 1000 plants in disease and all animals; syringing fruit trees out of doors, and for American blight. $\frac{1}{2}$ pt., 25c.; qt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5-gal. can, \$9.00. Dilute with 50 to 75 parts of water.

Grape Dust. Good remedy for mildew. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$2.5 lbs., bulk, 60c. lb.

Hellebore. For all insects. For use in dust form only. $\frac{1}{4}$ lb., 18c.; $\frac{1}{2}$ lb., 30c.; 1 lb., 55c.; 5-lb. pkg., \$2.75.

Lemon Oil. Nothing better for mealy bug brown and white scale on palms, rubber plants, etc., thrip, red spider, mildew, caterpillars, black and green fly; destroying the eucharis mite, ants, fleas, insects; killing mange, skin diseases in dogs and all animals; syringing fruit trees out of doors, and for American blight. $\frac{1}{2}$ pt., 25c.; qt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5-gal. can, \$9.00. Dilute with 50 to 75 parts of water.

Lime Sulphur Solution. Standard Strength. For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, except in the case of fungicide. 2 lbs. qt., $\frac{1}{2}$ gal., 45c.; 5 lbs., 75c.; 10 lbs., \$1.25; 25 lbs., \$3.75; 50 lbs., \$6.00; 100 lbs., \$9.00 per 50 gals.

Nico Fume. Tobacco paper insecticide. This is the strongest tobacco paper on the market; does not injure blooms, and furnishes the easiest means for fumigating. Available in 24 sheets, 85c.; 144 sheets, \$4.00; 288 sheets, \$7.50; postpaid to any address.

Nicotinic Liquid is a highly refined solution of "free" nicotine, guaranteed under the National Insecticide Act to contain 40 per cent. of nicotine. It is a powerful, non-poisonous deodorant and disinfectant which prevents diseases by killing the germs which cause them. Invaluable to the dairyman, milk producer, poultry raiser, cheese makers, household use, the sick room, milking machine user, hog sanitation, contagious abortion in cows, calf scours. It is clear as water. Circular free. It's cheap: one gallon of B-K will make from 125 to 500 gallons of dilution. Price, 1 lb., 35c.; 5 lbs., \$1.50; 25 lbs., \$8.50; 50 lbs., \$7.50; 100 lbs., \$10.00.

Vaporizing Apparatus with lamp, 50c.

Nicoteen. An extract of tobacco containing about 40 per cent. nicotine. A most effective, economical and safe remedy for fumigating greenhouses. Use a scant tablespoonful to $\frac{1}{2}$ pints of water and stir until thoroughly mixed. It is sufficient when vaporized, by placing a hot iron in it, for 600 square feet of floor space. Price, $\frac{1}{4}$ oz., 40c.; pint bottle, \$1.50; 10 pints, \$13.00.

Nox-l-cide (Conkey's). The best poultry and stock disinfectant. It mixes with water, in correct proportion for using, one gallon making 100 gallons of Nox-l-cide spray liquid. It is the cheapest and the most article of its kind ever put out. For poultry, it is an unexcelled article for cleaning and purifying the houses, runs, brooders, founts and waterers, and is most efficient for all live stock and is a high-grade sheep dip. It cures cuts, galls, scratches, thrush, cracks, fissures, etc. It is an ideal stable disinfectant, as it removes odors, prevents flies from breeding, and sweetens and purifies everything it touches. It is excellent with the kennel. It cures eczema and skin diseases generally even for humanity. It is even a most excellent shaving wash. Prices: 1 pt., 35c.; 1 qt., 60c.; 2 qts., 90c.; 1 gal., \$1.50; 5 gals. (jacketed), \$6.50; 10 gals. (jacketed), \$11.50.

Paris Green (Powder). $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; 1 lb., 55c.; 5 lbs., \$2.50, 14 lbs., \$6.50.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc., and decay without odor. 15c., 25c., 50c. and \$1.00 per box.

Rax. Destroys rats and mice without injury to other animals; it mummifies them. 50c. per bottle. Postpaid, 55c.

Soluble Lime Sulphur Powder Compound. (Guaranteed Brand.) Cheap, efficient and easily applied preparation. Highly effective for the control of San Jose Scale, Oyster Shell Bark Louse, Pear Psylla, Pear and Plum Mite, Peach Leaf Curl, Apple Scab and all sucking insects. Dilute 1 lb. to 50 gallons of water. One gallon is ready to use. For winter spraying, 10 lbs. make 50 gallons. For summer spraying use 2 lbs. to 50 gallons water. Full directions with each package. Price, 1 lb., 35c.; 5 lbs., \$1.25; 10-lb. pkg., \$1.75; 25-lb. pkg., \$3.75; 100-lb. drum, \$14.00.

Sulpho-Tobacco Soap. A Universal Insecticide. Fertilizes, invigorates. For destroying all manner of insects on plants, indoors and out, such as red spider, green fly, mealy bug, currant worms, etc. Will keep fleas off all domestic animals. Small cake, 10c.; by mail, 15c.; 8-oz. cake, 20c.; by mail, 28c.; 10 lbs., \$3.00. Full directions with each can.

Sulphur Flowers. For mildew. 1 lb., 10c.; 5 lbs., 40c.; 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.50; 100 lbs., \$4.00.

Sulphur Candles. For fumigating in sick-rooms; also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.00.

Scale Destroyer. "Target Brand." Guaranteed and Especially Prepared for the destruction of San Jose Scale on all kinds of fruit and shade trees, 100 per cent. more effective than lime sulphur and preparation, and fully 50 per cent. more economical. It is thoroughly soluble in water and will not separate, nor does it need to be agitated while spraying. It can even be mixed a day or two before using, and is the cheapest, easiest to prepare and most reliable spray for fruit growing either on large or small scale. It is very economical; one gallon makes from 25 to 40 gallons spraying liquid. 1 qt., 35c.; 2 qts., 65c.; 1 gal., \$1.00; 5 gals., \$3.75; 10 gals., \$7.50; 25 gals., \$13.75; 50 gals., in wood, \$25.00; 100 gals. and over, \$50c. per gal.

Tobacco Dust (Pure Ground Tobacco). 5 lbs., 25c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

Tobacco Powdered, Fine (Special Brand for Burning). Made from Havana stems. For green and black aphids, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 1 lb., 35c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

Tobacco Stems. Largely used for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia and potash and drives away insects and moles. They are excellent for covering poultry and other birds for the prevention and destruction of lice and other vermin. Domestic stems, \$1.00 per barrel; large bale, \$3.00; per $\frac{1}{2}$ ton, \$11.50; ton, \$22.00.

Havana Stems. Strongest and best for fumigating roses and other plants. 1 lb., 35c.; barrel bag, 25c.; 50 lbs., \$3.50; $\frac{1}{2}$ ton, \$13.50; ton, \$24.00.

Weed Killer, "Target Brand." Is a most effective solution of high-grade chemicals, combined with a secret process. Kills all weeds, grass, etc., in 24 hours. One plant to cover 100 to 150 square yards. One gallon makes 50 gallons of liquid. Prices, qt., 45c.; $\frac{1}{2}$ gal., 65c.; gal., \$1.00; 5 gals., \$4.50; 10 gals., \$8.50; 25 gals., \$18.75; 50 gals., \$35.00.

Tree Tanglefoot. The best preparation for painting around the trunks of trees to keep out of a band. Caterpillars, insects and other crawling pests cannot get over it. It is simple, economical and effective. One pound will make a band 5 inches wide and 8 feet long. 1 lb., 35c., 3-lb. can, \$1.00, 10-lb. can \$3.00, 20-lb. can \$5.75, 40-lb. can \$11.00.

Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. 1-lb. box, 21c.; 5-lb., 95c.; 10-lb., \$2.00; 25-lb., \$4.00.

English Worm Eradicator and Grass Fertilizer (Powder). English Worm-Killing Grass Food not only stimulates the grass on lawns, putting-greens, tennis courts, croquet grounds, etc., into rich green growth, but it quickly eliminates the most serious quantities, causing the soil to become sticky, sour and loosening it and the roots so that hot sun and dry weather cause the grass to turn yellow and die out in spots. More lawn trouble is caused by worms than by any other pest. To realize a good lawn, advise all whose grass is not as good as it should be to apply English Worm-Killing Grass Food at the rate of one-half pound to a square yard during rainy weather or after rain. The worms will realize a home and the quantity may be increased. The worms will then almost immediately come to the surface and die. 100 lbs., \$5.00; 1,000 lbs., \$47.50; 2,000 lbs., \$90.00. Prices subject to change.

THE "IRON AGE" FARM AND GARDEN IMPLEMENTS

A Complete Descriptive "Iron Age" Book Showing These Valuable Up-to-date Labor Savers Sent Free on Request.



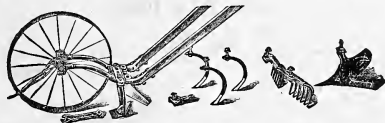
The No. 6 "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder

This tool is a most practical and complete garden tool—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the important features. In each form, whether a Seed Drill, a Double Wheel Hoe, or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose. It places the seeds in drills or in hills. Complete, as in cut, price \$12.50. As a Hill and Drill Seeder only ("Iron Age," No. 7), price \$10.00.

No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder

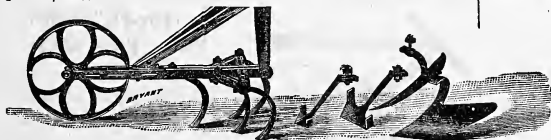
In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are in themselves complete. Changed from one form to another almost instantly. It places the seed in hills or drills. Price \$11.00. As a Hill and Drill Seeder only (No. 16), \$8.50.

For a plain Drill Seeder order "Iron Age" No. 18. Price \$7.50.



No. 20 "Iron Age" Single Wheel Hoe

The frame of this tool, as all the "Iron Age" combined tools, is made of pipe coupled to malleable castings, thus rendering them light and strong. A pair of side hoes, a set of cultivator teeth, a pair of rakes and a land side plow are furnished with this tool. Price, complete, \$6.00. As with the No. 1, a seeder attachment may be added at any time. No. 21 (Hoes only), price \$4.50.



Gem Single Wheel Hoe

Complete \$5.00. Gem Double Wheel Hoe, complete \$6.00. Gem Single Wheel with Teeth only, price \$4.00

Useful Hand Plow,

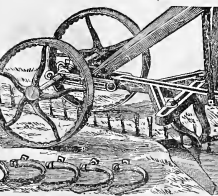
\$1.25



GEM DOUBLE WHEEL HOE

This Wheel Hoe is very similar to the single wheel, excepting for the fact of it possessing another wheel and being minus the scuffer, for which it has instead one pair of side hoes, which can be used to better advantage on such a tool. The wheels are arranged so they may be adjusted to enable various growing plants to be worked on both sides in narrow or wide rows.

Price.....\$6.00 With 6-in. Scuffer...\$6.50



Gem Double Wheel Hoe

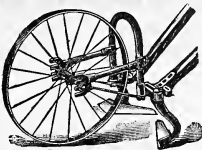
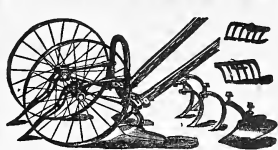


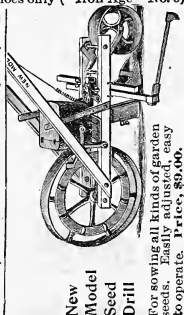
Fig. 76, showing the Double Wheel Hoe set up as a Single Wheel



"Iron Age" Double Wheel Hoe, \$7.50.

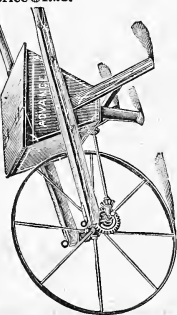
No. 1 "Iron Age" Double and Single Wheel Hoe. Price, complete, \$8.00

Is the Wheel Hoe form of the No. 6 opposite. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moment's time. As a Double Wheel Hoe it may be used astride the row and thus cultivate both sides of the row at the same time. The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe coupled with malleable castings, gives great strength, together with lightness. This tool with side hoes only ("Iron Age," No. 8), price \$4.25.



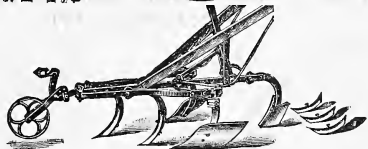
New Model Seed Drill

For sowing all kinds of garden seeds. Easily adjusted, easy to operate. Price, \$6.00.



"Advance" Fertilizer Drill

A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; holds eighteen quarts. A first-class machine for the drilling of peas and corn as well as fertilizer. Price, each, \$7.50



No. 1 "Iron Age" Horse Hoes and Cultivators

Price, plain, five teeth only, \$4.00. With Plain Wheel add 50c. With Lever Expander add 75c. With Lever Wheel add \$1.00

Transplanting Trowel



Solid Steel
Largely used by truckers in transplanting sweet potatoes, cabbage, etc. Price 45c.

Acme Asparagus Knife, 25c.

By mail, postpaid, 40c.

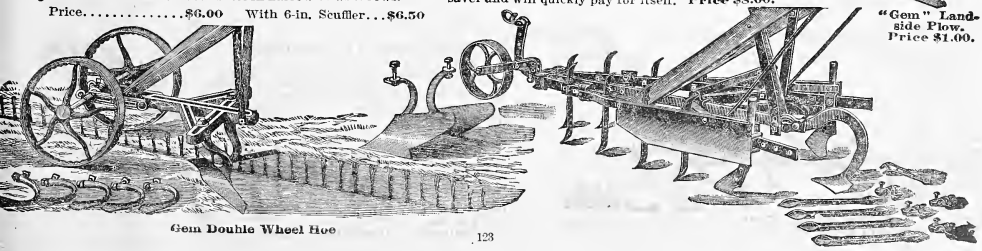
Perfection Horse Weeder and Harrow for Truckers

The fenders serve as a protection to the plants, as no stones, lumps of dirt or soil can be thrown on them by the teeth. The fenders adjust themselves to the surface of the soil.

The side hoes thoroughly cut the surface close to the growing crop, and naturally throw it towards the centre of the row, while the sweep upon the rear standard turns the loose soil back again towards the plants. It is a great labor saver and will quickly pay for itself. Price \$8.00.



"Gem" Land-side Plow. Price \$1.00.

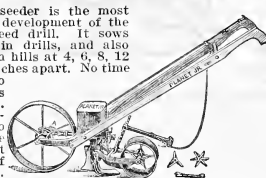


"Planet Jr." Farm and Garden Tools

Planet Jr. Tools are the most carefully designed and constructed; built of the finest materials, and are the most economical because they outlast others and do better work.

Planet Jr. No. 3 Hill and Drill Seeder
Price, \$12.00

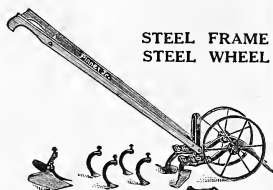
This seeder is the most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. No time is lost in seed is wasted. Is quickly set to sow the different kinds of seeds.



The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee this drill to give satisfaction in every respect.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. Price, \$8.25

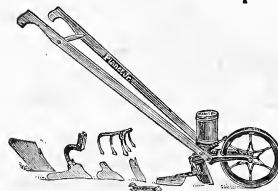
Two acres a day can easily be worked with this implement, and when it is done it will be a better job than three men could have done in the same time with hand hoes. The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work. Twelve-year-old girls work gardens with them with ease and success.



**STEEL FRAME
STEEL WHEEL**

No. 13, same as No. 12, but with hoes only, \$5.75.

Planet Jr. No. 31 Combined Seeder and Wheel Hoe.
Price Complete, \$8.00



A thoroughly reliable and practical tool for the family garden. Sows all garden seed, from the smallest up to peas and beans, and is a first class light running wheel hoe that will delight the man, woman or growing boy who looks after the home garden. Will save time, labor and seeds.

Sold as a Seeder only (No. 32) \$5.75, or as a Wheel Hoe without the seeder (No. 33) \$3.75.

Planet Jr. No. 60 Double Wheel Onion Hoe.
Price, \$5.00.

An entirely new wheel hoe with adjustable arch and all steel offset bars that will delight the onion grower, market gardener and trucker. Adjustable for all conditions and complete for the culture of onions or general hoeing. Fully guaranteed.

Planet Jr. No. 104 Horse Hoe and Cultivator. Price, \$8.25

A new Planet Jr. Horse Hoe. Light, but very strong. Lever wheel and lever expander. A low priced tool that will please every farmer, trucker and gardener.



Price without wheel, \$7.00. This tool is made up to the Planet Jr. standard and is fully guaranteed.

Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow. Price, \$12.75

We Prepay Freight
on all Planet Jr. Farm and Garden Tools when money is sent with the order. Send for Complete Illustrated Catalogue.



Price, as a Seeder Only, \$10.25.

This is the most popular combined tool made. It combines in a single implement, a first-class hill-dropping seeder, a Single Wheel Hoe or weeder, a cultivator and a plow.

The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops.

Planet Jr. No. 17 Single Wheel Hoe, Cultivator and Plow. Price, \$6.00

For easy gardening, and at the same time clean and perfect gardening, nothing is quite the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe.

No. 17½, same as No. 17, but with hoes, cultivator teeth and leaf lifter. Price, \$5.25.

No. 18, same as No. 17, with hoes only, \$4.25.



**STEEL FRAME
STEEL WHEEL**

The "Fire-Fly" Garden Plow. Price, \$2.65

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken-raisers will find it very useful in plowing up the scratching yard. The mouldboard is of tempered and polished steel; the depth is quickly changed.



Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

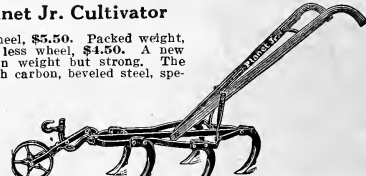
Price, \$11.00; less Pulverizer, \$9.00; less Wheel and Pulverizer, \$7.25.

Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.



No. 100 Planet Jr. Cultivator

Price, with wheel, \$5.50. Packed weight, 50 lbs. Price, less wheel, \$4.50. A new machine light in weight but strong. The teeth are of high carbon, beveled steel, specially hardened, will retain their cutting shape, outwear any on the market. We recommend it as the very best light one-horse cultivator. Guaranteed to give satisfaction.



Pure Water—Healthy Chickens

KEYSTONE FOUNTAINS

are the cheapest and most sanitary fountain on the market. Well made and of best material, and the best made of any on the market. Easy to fill, easy to clean. Pan hinged to tank, large drinking space. Stands on ground or hangs up, so that water is always clean. Bail handle makes them convenient to carry. Keystone Heavy Galvanized. Price, 1 qt. 30c., 4 qts. 55c., 8 qts. \$1.25.

THE NEW IMPROVED NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

For cold or warm water wanted. This is absolutely the best poultry water fountain for winter use. You can have cold or warm water as desired. It is top filled, and positive in action. It holds five gallons, the water in the reservoir cannot be fouled, it always remains fresh until used. The oil chamber holds three pints of kerosene, quite sufficient for twelve days' use. There is absolutely no danger from fire. The entire apparatus is entirely automatic. Water is supplied to the birds only as used. It is positively frost proof to 20 degrees below zero, by hygienic and sanitary. Water is indispensable in the production of eggs, more especially during the winter months, and it is a natural inference that the more water we can induce our birds to consume, the more eggs they will produce. Consequently, we feel it is not an idle boast to state that our machine will materially help in increasing the egg production of the plant equipped with it, and the fact that the birds can secure nothing but fresh water will add greatly to the general health of the plant and to the betterment of poultry culture. We guarantee it as represented in every respect. Price

for the new improved style (5 gallon capacity), complete with burner base and new extended malleable iron feet, \$4.00. The same without burner base, \$3.00.

HOODED STONE FOUNTAINS

These are most excellent for summer use, as they keep the water cool; they are constructed with a hood, so that the chickens cannot foul the water.

Capacity	Each	Per doz.
1 qt.	25c.	\$2.50
1 qt.	30c.	3.00
2 "	40c.	4.25
3 "	50c.	5.25
4 "	60c.	6.25
8 "	85c.	8.00



TRADE MARK

FER-SUL

HOODED FOUNT.

Kills Germ Diseases, Lice, Mites, Nits, etc., is a Tonic & available everywhere on the farm as a Disinfectant, Antiseptic and Deodorizer. For poultry houses, cow barns, pig styres, etc. Invaluable as a flank and udder wash. Recommended by the highest authorities in animal and poultry husbandry. Cures Erysipelas, Chicken Pox, Gapes and White Diarrhoea. Price, 12-oz. bottle 25c., qt. bottle 50c., 1 gal. \$1.50, 12-gal. carboys, \$17.50.

NEW LOCK RIB WIRE HENS' NESTS

Heavy steel cased wire. These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw. They are durable, sanitary, easily cleaned, convenient to handle and inexpensive. Each 15c., doz. \$1.50, 100 \$15.00.



PHILADELPHIA PIGEON BATH PAN

These are of best quality galvanized iron riveted corners, wired with heavy wire, will not rust, and with ordinary care should last for years. Sizes: 18 inches square, 4 inches deep, capacity about 5 gallons. Each \$1.00.

Pure Bred High Class Poultry and Eggs
Are listed in our "SEED BUYERS' GUIDE"



Apex Extension Fountain

Its shape provides a solid base and makes it impossible for fowls to upset it. As it is made in one solid piece, there are no parts to be lost. The reeding expansion front prevents bursting, even if frozen solid.

The small size is ideal for brooder purposes; no danger of chicks drowning. The larger sizes cannot be excelled for colony houses. These Fountains can be kept perfectly sanitary. Prices:

1 qt. each 30c., doz. \$3.30; 3 qts. each 45c., doz. \$4.90; 5 qts. each 60c., doz. \$7.00; 10 qts. each 85c., doz. \$10.00.

Wall Fountains for Poultry or Pigeons

Something new and extra serviceable in the way of a pigeon fountain. One side is hinged, so that it may be hung on the wall of the building or a post at any height. A hood projects over the water trough and protects the water from becoming contaminated. Prices: 1 gal. size 50c. each, 2-gal. size 75c. each.

Clearfield or Acme Fountain

This Fountain is made with a hinged bottom pan. This canopy prevents fouling of the water. Can be made to answer the purpose of a Standing or Wall Fountain. Easily cleaned and filled. Prices: 2 qts. each 50c., doz. \$5.75; 4 qts. each 75c., doz. \$8.50; 8 qts. each \$1.00.

PEERLESS FOUNTAINS

A heavy galvanized fountain made in two parts. Positively will not burst from freezing. Cleaned by removing the bottom. The fowls cannot cut their combs when drinking. Can be hung up on a nail or hook out of the dirt. Prices: 1 qt. 35c., 5 qts. 60c., 10 qts. 85c.

THE PEERLESS with Lamp Attachment, for Winter Use. The combination when in use should be set against the wall and attached to it by either backstrap or bail on fountain, then it cannot be tipped over by the fowl and is absolutely safe. It consists of a five-quart fountain and a heater. Price, complete, \$17.75.

Philadelphia Jar Fountains

Easily filled and easily cleaned. Particularly adapted for use in winter. We supply the Pan with Jar Cap Attachment. These can be used in connection with any size Mason Jar. Will not rust. The use of this Fountain will mean pure water and healthy chicks. Each 20c. (by mail, postpaid \$3.00), doz. \$2.20.

Philadelphia Crystal Glass Fountains

The cheapest and most sanitary fountain made. Reservoir and saucer made of clear white glass. Ideal for little chicks. Qt. size only, each 15c., doz. \$1.60.

PERFECT PIGEON BATH

Made of heavy galvanized iron like a large inverted bat. The bath is 16 inches in diameter and 5 inches deep, with a rim 6 inches wide, strongly reinforced to keep from sagging. The best thing ever invented for the purpose. Price, \$2.50.

Perfect Pigeon Drinking Fountain

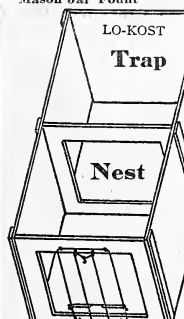
Pigeon fanciers and breeders raising pigeons in large numbers require a large, strong fountain with ample capacity. We have had this made to our own order. The pan is 15 inches in diameter and 3 inches deep, easily cleaned, and the water cannot be fouled. Price, each, \$2.50.



Mason Jar Fount

Philadelphia Cage Water Cups

These water cups are specially designed for exhibition cages, etc. Each 25c., doz. \$2.75.



Culling System

Lo-Kost Trap Nest Front

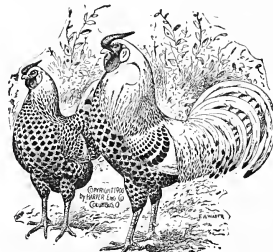
This is truly a wonderful and valuable invention. A big boon to every progressive up-to-date poultryman. It will tell you exactly which hens are the best layers, which lay fresh eggs or none at all. It affords the breeder a magnificent culling system. Please note we only supply the wirefronts as illustrated. You make your own box or nest; or take an ordinary orange box, knock one end and middle partition; then attach a Lo-Kost trap to the front. You will then have the cheapest and best trap nest possible. The nest should be 12 in. high, 12 in. wide and 36 inches long. Each trap nest front 30c., or postpaid 35c., 1 doz. \$3.30 postpaid, when money is sent with order.

Thoroughbred Poultry and Eggs for Hatching FROM OUR MAGNOLIA POULTRY YARDS

In presenting this, our Poultry Department, we first desire to thank our many friends and customers for their most liberal patronage. Their orders have been thankfully received, and we trust, filled to their entire satisfaction. The many testimonial letters received would amply warrant our supposing such to be the case. If, however, there are any who feel they have not received proper treatment at our hands, we want to know it, as it is our earnest desire to deal fairly with all, and to give full value for all money received. It is on these lines that we have built up the enormous business which we feel honorable pride in. We hope to continue to receive a share of your patronage and shall try to please you, and we will fill all orders promptly and carefully.

We have spared no expense to have the finest stock of each breed, and keep several distinct yards of each breed, so that we can send out stock not akin. The prices quoted, which are the very lowest, are for first-class breeding fowls, from the very best strains and properly mated. We ship to any State or Territory safely by express only.

We guarantee all eggs fresh and true to name, and use the utmost care in packing. We have frequently sent eggs from 1,000 to 3,000 miles, and had twelve out of fifteen hatch out a chick. We guarantee safe arrival, but in case of breakage, customers should get the amount of damage written in ink by the agent, when you receive the goods. No eggs shipped between May 15th and December 1st.

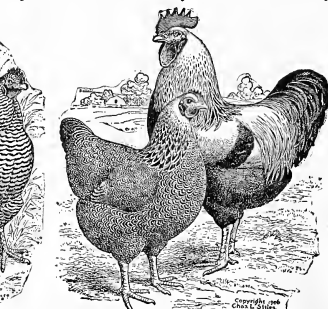


Ideal Silver-Spangled Hamburgs

Silver-Spangled Hamburgs The Silver-Spangled Hamburgs are one of the most beautiful varieties that can be found on the poultry list. No one can pass a flock of them without a glance of admiration; for beauty they are unsurpassed, and too much could not be said of this wonderful and beautiful breed. As egg producers they are a first-class flock, laying from 200 to 225 per year. Chicks grow very fast and mature very early, pullets often begin laying when four months old. They are very small feeders. Their plumage is a silver white, the ends of each feather being tipped with black, and the flesh is juicy and tender. Males weigh from 4½ to 5½ lbs.; females from 3½ to 4½ lbs. Prices—Good cockerel, \$2.50; extra selected cockerel, \$4.50; good female, \$3.00; extra selected female, \$2.50; extra selected trio, one male and two females, \$7.50; eggs per 15, \$2.00; per 30, \$3.50; per 100, \$8.00.

Silver Penciled Plymouth Rocks The Silver Penciled Plymouth Rocks are one of the most beautiful new breeds that have come to stay. They have all the good qualities usually found in the other varieties of Rocks. Their plumage is much like that of Silver Laced Wyandottes, only that they are distinctly penciled instead of laced, and make a very fine appearance on any yard or lawn. They will never regret ordering from this magnificent breed. They are perfect. Prices—Good cockerel, \$4.00; extra selected cockerel, \$6.00 each; females, \$3.00; extra selected, \$3.00 each; extra selected trio, one cockerel and two females, \$8.00; eggs, per 15, \$2.00; per 30, \$3.50.

Barred Plymouth Rocks A description of this grand and well-known American breed is hardly necessary. They have good-sized, clean, bright yellow legs; are accustomed to any locality, whether the climate be hot or cold, are the best of layers, hardy and vigorous. The hens make good mothers, and the chicks grow and fatten quickly for market; in short, one of the most profitable varieties in existence, the acknowledged favorite of all poultry raisers. Plymouth Rocks is the very finest to be found anywhere. Standard for all breeds of Plymouth Rocks. Weights are, males 9½ lbs.; females, 7½ lbs. Prices—Good male, \$4.00; extra selected male, \$4.00; extra selected female, \$2.00; extra selected trio \$7.00; eggs, per 15, \$1.50; per 30, \$2.75.



Ideal Barred Plymouth Rocks

White Plymouth Rocks They resemble the Barred Rocks in every respect excepting in the color. Their flesh is fine, white, tender and very richly flavored. They are excellent egg producers, and as winter layers are unsurpassed; their eggs are large and of good quality. The chicks are hardy and vigorous. Prices same as Barred Plymouth Rocks.

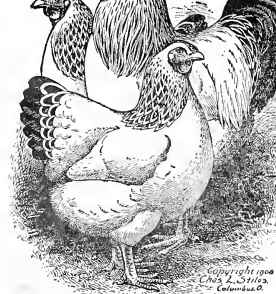
Buff Plymouth Rocks The Buff Plymouth Rocks are thought by many to be much handsomer than their barred or white cousins. They possess the same characteristics with the exception of color. Prices—Extra selected male, \$4.00; female, \$3.00; trio, \$7.50; eggs, per 15, \$1.75; per 30, \$3.25.

Partridge Plymouth Rocks The Partridge Plymouth Rocks are a new breed that is sure to gain great popularity in a very short time. Those wanting a new breed that will be in great demand should order eggs of this variety. The plumage resembles that of the Partridge Cock in every respect. Thus they are well adapted to the city, as their plumage is not easily soiled. They are just the fowl for the farmer, villager as well as the fancier. Our stock strictly A number one, and will be money makers for anyone. We have three well mated flocks. Prices—Extra selected males, \$4.00; females, \$2.50; extra selected trio, \$7.50; eggs, per 15, \$2.00; per 30, \$3.75.

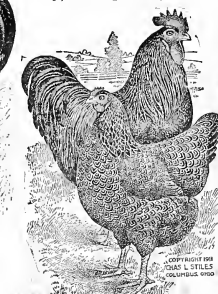
White Wyandottes They have become very popular. They are very hardy, mature early, and are ready for market at any age. Their flesh is very finely flavored and close grained, which, with their yellow skins, model shape and fine plum appearance, particularly adapts them for market. They are extraordinary layers, surprising every breeder at the quantity of eggs produced. If allowed to sit they will make the most careful mothers. Their hatchery and good qualities will make them a host of friends wherever the breed is introduced. Our stock is of the best in the country, and will not disappoint you, as they are sure to produce Prize Winners. Standard weights, for all breeds of Wyandottes, males, 8½ lbs.; females, 6½ lbs. Prices—Good male, \$2.50; extra selected male, \$4.00; extra selected female, \$2.50; extra selected trio, \$7.50; eggs, per 15, \$1.75; per 30, \$3.00.

Golden Laced Wyandottes The plumage of Golden Laced Wyandottes is the same as that of the Silver Laced except in color, the centre of the feathers being a rich golden bay, laced with black, giving them one of the richest colors in the stock is unusually good. Prices—Eggs, per 15, \$2.00; per 30, \$3.80; extra selected male, \$4.00; extra selected female, \$3.00; trio, \$8.00.

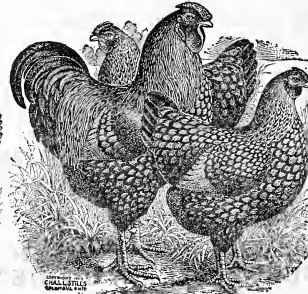
Columbian Wyandottes The Columbian Wyandotte is a beautiful, ornamental and utility fowl combined. Their laying qualities are equal to any variety and excel many. This is one of the oldest varieties and a pure American breed. They are very hardy, chicks grow rapidly and mature early. Pullets often begin laying at from five to six months old.



Columbian Wyandottes



Partridge Plymouth Rocks



Golden Laced Wyandottes

The hens make excellent mothers, good layers of brown eggs and splendid catchers, not being so clumsy and heavy, and they seldom break an egg while sitting. They make a splendid table fowl, having yellow skin; they dress well and command high prices in market. Our birds are the finest of the best blood, having bred them many years, and we are confident our stock will please you. Prices—Good male, \$3.50; extra selected male, \$4.50; female, \$3.00; extra selected trio, \$7.50; eggs from prize winning stock, per 15, \$2.00; per 30, \$3.50.

Silver Laced Wyandottes Few breeds have been received with greater favor than have the Silver Laced Wyandottes. They possess superior qualities for early broilers. They are of good size, their bodies being remarkably plump and meaty; are small boned and their skin is clear yellow, thus making them very desirable for the market. They are good winter layers of large rich-colored eggs, just at a season when eggs are scarce and high, and the smaller breeds have suspended business until warmer weather. They are truly a living picture, a thing of beauty. **Prices:** Selected male cock or cockerel \$3.00, female \$2.50, selected trio \$6.75, extra selected male \$4.50, extra selected trio \$8.50, eggs from fancy prize winning pens per 15 \$2.00, per 30 \$3.50.

Buff Wyandottes **Prices:**—Each extra selected male \$4.00, female \$2.50, trio \$7.50, eggs per 15 \$2.00, per 30 \$3.50.

Black Langshans The Black Langshan is an old Asiatic breed of fowls, of large size and fine shape. It is one of the hardest varieties of fowls that can be found anywhere. The chicks are generally white on the breast and lower part of the body when first hatched and remain so oftentimes until their first moult, when the white feathers disappear. They are also very hardy, grow fast and reach the age of maturity in a short time. Young pullets hatched early in the Spring will start laying in the Fall and continue on for the best part of the coming Winter and Spring. They lay a large brown egg and are a very good table fowl. They have a fine greenish black color, bear confinement well and are not large eaters. Unusually good Winter layers and all round breed; a most noted laying strain. Cocks weight 9 to 11 pounds; hens, 7 to 10 pounds. **Prices:**—Extra selected male \$4.00, females \$2.50, trio \$7.50, egg per 15 \$2.00, per 30 \$3.50.

Cornish Indian Games The Indian Games are quick growers (have yellow skin); young chicks grow heavier in same time than any other breed; they are, therefore, excellent for broilers. They have very short feathers, thus they consume more of their food in making flesh than in feathers. They are an excellent table fowl. They are not as good layers as some other breeds, but for market they gain more than they lose in laying qualities. Standard weight males 9 lbs., females 6½ lbs. **Prices:**—Extra selected male \$4.00, females \$2.50, trio \$8.00, eggs per 15 \$2.00, per 30 \$3.75.

Light Brahmas, Dark Brahmas The light and dark breeds differ only in color of their plumage. The Brahma is one of the oldest breeds, and as popular as ever. Any breed that can stand the test of rivalry so long, and still satisfy and please the many thousands breeding them must have qualities of a very high order. They are the largest of all our poultry and furnish more pounds of flesh and eggs in twelve months than any other breed of fowls on earth. They are well adapted for all purposes. They are very gentle, handsome and practical for all purposes that one cannot help but like them. They are good layers of good, large, rich-colored eggs, and make excellent mothers. The feather marking is unusually handsome in both varieties, and they are worth breeding for ornaments alone. The United States Department of Agriculture, after a long years test, pronounced them to be the most profitable of all breeds. Our matings are very select. Standard weights, males 10 to 12 lbs., females 8 to 10 lbs. **Prices:** for each variety, good male \$3.50, extra selected male \$5.00, extra selected female \$2.50, extra selected trio \$8.00, eggs from prize-mated exhibition stock per 15 \$2.00, per 26 \$3.50, per 50 \$6.00.

White Crested Black Polish To see a lawn decorated with a fine flock of White Crested Black Polish is a most pleasing sight. These fowls are truly among the most beautiful and ornamental birds in the feathered race; their large and thick snowy white crests in contrast with their rich, glossy, greenish-black plumage, give them an appearance which is most striking; their earlobes are white and comb is a pale blue. These birds are very tame, hardy and vigorous. They are good layers of large, white eggs. For ornamental fowls for the city, they cannot be excelled. Our pens of this fine breed contain the finest specimens to be had. **Prices:**—Extra selected male \$4.00, extra selected female \$3.00, trio \$8.00, eggs per 15 \$2.50, per 30 \$4.75.

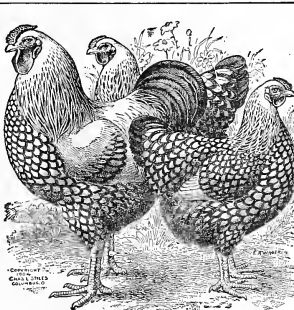
Blue Andalusians As layers they have no superiors, laying the whole year around, winter and summer; the eggs are white and large size. They are very hardy, chicks grow unusually fast, pullets laying at the age of four months. They have red wattles, face and comb, and white ear lobes. Some size as Minorcas, and are natives of Andalusia, in Spain. **Prices:**—Extra selected male \$4.00, extra selected female \$3.00, extra selected trio \$7.50, eggs per 15 \$1.75, per 30 \$3.25.

Mottled Anconas The Mottled Ancona belongs and resembles the Leghorn in shape. As egg producers they stand in the front rank, laying the year round. They have a trap nest record of 304. In color eggs are white and large. Chicks are hardy and mature early; pullets lay in 10 weeks. In color they are black and white intermixed. They are a very rare and beautiful bird and from a utility standpoint cannot be equaled. No one passes a flock without a glance of admiration. Our breeding stock is made up of all good birds. **Prices:**—Extra selected male \$4.00, female \$2.50, extra selected trio \$7.50, eggs per 15 \$1.75, per 30 \$3.25, per 50 \$5.00.

Sherwoods Sherwoods are about the best general purpose fowl ever introduced and are for these birds is their hardiness. Although the Sherwoods are not as much known among fanciers as many other breeds, as they are an all purpose fowl, very large in size and mature early; they are very tame. The hens make excellent mothers. In color they are a pure white, with yellow skin and legs, lightly feathered on legs and toes. This breed is sure to become a favorite with all lovers of thoroughbred poultry. We can supply you with the finest stock. **Price:**—Eggs from prize winning stock per 15 \$2.00, per 30 \$3.75, extra selected male \$4.00, extra selected female \$2.50, extra selected trio \$8.00.

WELL PLEASED

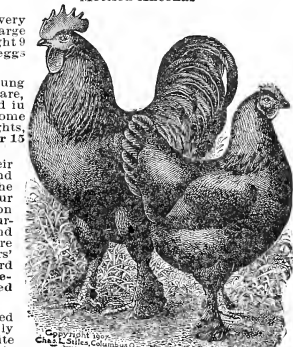
Please send me your Catalog. The chicken eggs hatched 13 out 15 and 12 ducks out of 13. I am well pleased with the results.—FRED A. W. RIMERT, Lewisburg, Pa.



Ideal Silver Laced Wyandotte Trio



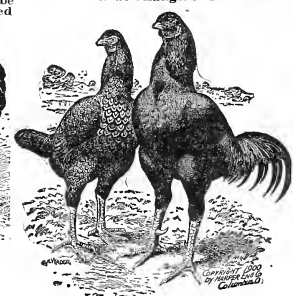
Mottled Anconas



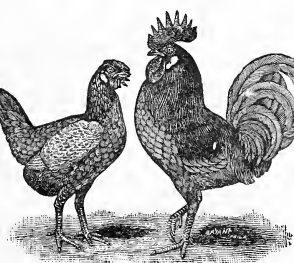
Black Langshans



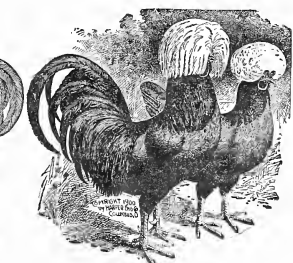
Ideal Light Brahma Trio



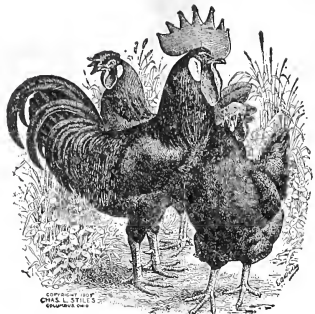
Ideal Cornish Indian Games



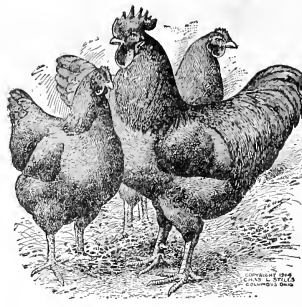
Blue Andalusians



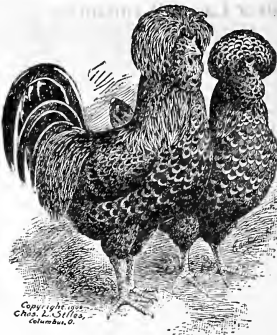
Ideal White Crested Black Polish



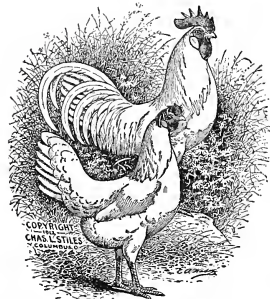
Ideal Black Minorcas



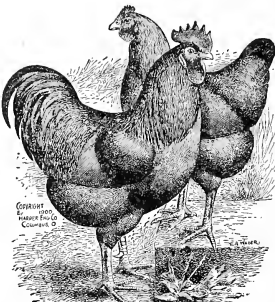
Ideal Buff Orpington Trio



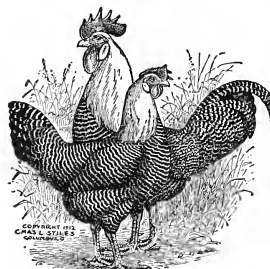
Ideal Houdans



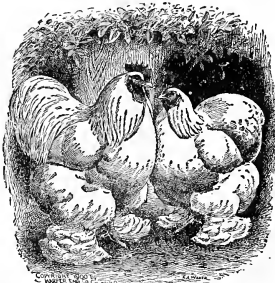
Prize Winning Single Comb White Leghorns



Ideal Rhode Island Reds



Silver Campines



Partridge Cochins

R. & S. C. Rhode Island Reds

The Rhode Island Reds are gaining in popularity every year. The plumage of the cock is a brilliant rich red, except where black appears. They are good layers, make an excellent table fowl, and are good broilers. Our strain is the best obtainable. Prices—Extra selected male, \$4.00, extra selected female, \$3.00, trio, \$7.50, eggs, per 15, \$2.00, per 30, \$3.75, per 50, \$6.50.

Houdans—beautiful, large white eggs. They are one of the best maturing fowls, having a nice white flesh, juicy and tender. They belong to the non-sitters. Standard weights, male, 7 lbs., female, 6 lbs. Prices—Extra selected male, \$4.50, trio, \$7.50, eggs, per 15, \$2.00, per 30, \$3.50.

Campines—Golden and Silver The Campines are the plume, Belgium, but the Campine as now bred by expert breeders is a new Campine in every respect, and there is no breed that has gained such favor and popularity as the New Campines. They are very pretty and attractive fowls; very tame and friendly, hardy, active and quick to mature, non-sitters, good foragers, but content in confinement. We breed both Silver and Golden, the vigorous strain, and they are layers of large white eggs and plenty of them; if you are looking for a breed that will make you more money and will be more beautiful than any other in your neighborhood get Campines. We will start you right with the best stock obtainable. Price of eggs of both Silver and Golden prize winning stock \$2.50 per 15, \$4.50 per 30 eggs. Extra selected male, \$4.50, extra selected female, \$3.50.

Single Comb Black Minorcas The Black Minorcas combine two points that render them desirable to the fancier—beauty and utility. Our strain have large shapely bodies with full broad breasts, and weigh fully one-third more than any other of the Mediterranean class. Their red combs, faces and wattles, with pure white ear lobes, contrast handsomely with their greenish black plumage, which has a rich metallic lustre. As egg producers they are remarkable layers; eggs, clear white, and very large in size. Prices—Extra selected male, \$4.00, extra selected female, \$2.00, extra selected trio, \$7.00, eggs, per 15, \$1.75, per 30, \$3.25, per 50, \$5.00.

Single Comb White Minorcas The White Minorcas, as to vitality, and egg yield, stand on a level with the black, except in color which is snowy white, and are very attractive. Standard weights the same. Prices—Extra selected male, \$4.00, female, \$2.50, eggs, per 15, \$1.75, per 30, \$3.25.

Rose Comb Black Minorcas In general character, they are the same as the S. C. The combs are however not so liable to freeze in cold climates. The standard weights and prices are the same as the S. C. variety.

Rose Comb Brown Leghorns The Rose Comb Brown Leghorns are very popular, being better adapted to our colder climate than the Single Comb varieties. As egg producers, they stand at the head and are better winter layers than the single comb variety. They are hardy, chicks easily raised, pullets begin laying quite young if well cared for. Fine foragers, eggs hatch well, they bear confinement well, and are very hardy. Prices—Extra selected male, \$3.50, female, \$2.50, trio, \$7.00, eggs, per 15, \$1.75, per 30, \$3.25, per 50, \$5.00, per 100 \$8.00.

Single Comb White Leghorns Lady Leghorns are fast coming to the front; being a new variety they have won for themselves the admiration and praise of all leading fanciers. They are great layers, of a size rank with other Leghorns. They are small eaters and good foragers. Our strain is the best obtainable. Prices—Selected male, \$3.50, female \$2.00, trio, \$6.50, eggs, per 15, \$1.75, per 30, \$3.25.

Single Comb Buff Leghorns The Buff Leghorns are fast coming to the front; being a new variety they have won for themselves the admiration and praise of all leading fanciers. They are great layers, of a size rank with other Leghorns. They are small eaters and good foragers. Our strain is the best obtainable. Prices—Selected male, \$3.50, female \$2.00, trio, \$6.50, eggs, per 15, \$1.75, per 30, \$3.25.

Buff Orpingtons This is a beautiful breed of fowls. Their combs, wattles, and ear lobes are bright red, and their legs and toes are almost white. Their plumage is one even shade of buff throughout; the head, neck, hackle, back and saddle are richly glossed with a metallic lustre. They make an excellent table fowl. Prices—Eggs, per 15, \$3.50, per 30, \$6.75.

Partridge Cochins The carriage is quiet and dignified. In the winter, however, they are good layers. They are very large and are a profitable cross for increasing the size, hardiness and early maturing of barnyard fowls, for which purpose they are in great demand. They may be confined by a low fence, three feet being ample height. We carry well in small yards. Standard weights, male, 9 to 12 lbs. Females, 7 to 10 lbs. Prices—Extra selected male, \$4.50, females, \$3.00, extra selected trio, \$8.00, eggs, per 15, \$2.00, per 30, \$3.50.

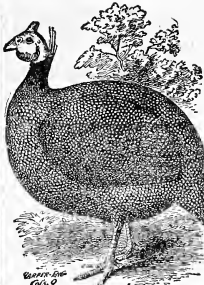
Buff Cochins The general characteristics are the same as the Partridge Cochins, except the color. Prices—Extra selected male, \$4.50, female, \$2.50, trio, \$7.50, eggs, per 15, \$2.00, per 30, \$3.50.

Will Recommend Us

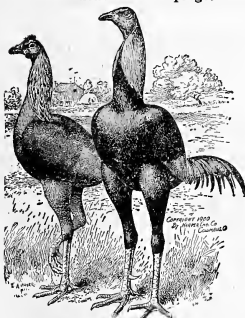
Received the turkeys in fine shape, and am very much pleased with them. I will soon send my order for eggs, and also recommend you to others.—Vernon Thornton, Spring Glen, N. Y.



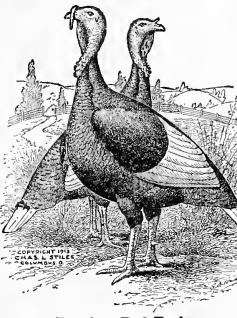
Ideal White Orpington



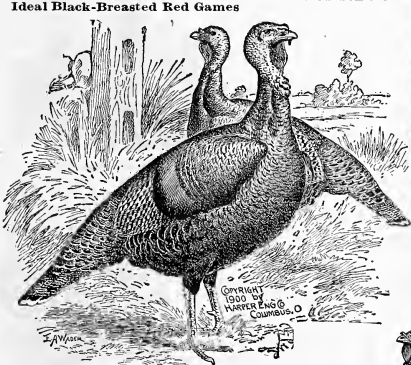
Pearl Guinea



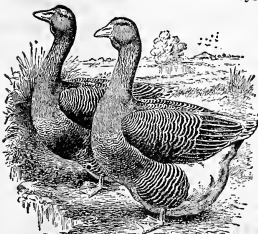
Ideal Black-Breasted Red Games



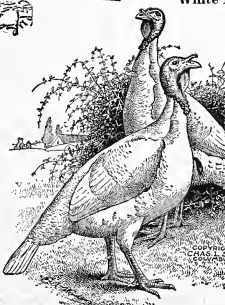
Bourbon Red Turkeys



Ideal Mammoth Bronze Turkeys



Ideal Toulouse Geese



Standard White Holland Turkeys

White Orpingtons (Bred from the famous Kenerstraas Strain.) The White Orpington has come to stay; it is claimed by the best authorities as being the best all-purpose fowl in existence to-day. As layers they rank with many of the Leghorns and Hamburgs. They begin laying at an early age; pullets begin laying under five months; they are of large size, symmetrical shape, excellent mothers and keep the eggs fresh and the eggs bring the highest prices. They mature into plump broilers at an earlier age and at a less cost than any other breed of fowls; as to eating qualities they cannot be excelled by any other breed, the meat being juicy and of fine flavor. We have high class trap tested fancy birds which are bred to lay; only the very best layers are used to breed from; vigorous and healthy, the only kind of stock you should buy. Prices:—Extra selected males, cock or cockerel \$3.50, female \$3.00, trio \$3.00, Extra selected males, cock or cockerel \$4.50, females \$3.00, trio \$3.00, Eggs from fancy prize winning stock per 15 \$2.00, per 30 \$3.75.

Single Comb Black Orpingtons Black Orpingtons are the last acquisition in the Orpington family, and as there is an Orpington craze sweeping the country, the Black and White should be well looked. As a black fowl they are the most stately of all varieties. In all other respects they are the same as the White Orpingtons. Our stock is Standard bred to perfection and we have several large flocks. Prices:—Extra selected male \$4.50, female \$3.00, eggs per 15 \$2.00, per 30 \$3.75.

White Faced Black Spanish They need no description as they are recognized the moment you see them. They are of large size and plenty of them on a small ration of food get the White Faced Black Spanish. With their glossy jet black plumage, red combs and wattles, and large white ear-lobes, their majestic and showy carriage, they are not to be excelled. As the cut represents they are of the same size and very showy and handsome. Like all Spanish breeds, they lay large eggs and are strictly non-sitters. They are not very extensively known and would command a larger price for more general cultivation. Prices:—Extra selected males \$4.00, females \$3.50, extra selected trio \$8.00, eggs per 15 \$2.75, per 30 \$5.75.

Black Breasted Red Games The Black Breasted Red Game is the best known of any variety of the Game family. They are good sitters and mothers, and as to laying qualities the Games are about all the same. Our strain is noted for laying as well as being the most courageous and hardy. Prices:—Extra selected stock, male \$4.50, female \$2.00, trio \$8.00, eggs per 15 \$2.50, per 30 \$4.75.

Pearl Guineas They are very hardy, easy to raise, great layers, laying more than 200 eggs in a single season. No farmer's flock is complete without them. They are very attractive and can be given their liberty at all times in the garden, for they never scratch. Prices:—Extra selected stock, male \$3.00, female \$2.00, trio \$6.00, eggs per 15 \$1.60, per 30 \$3.00, per 50 \$4.50.

White African Guineas White African Guineas are much more valuable for eating or market purposes than any other variety. They are of larger size, better layers, much more easily raised and far better layers than common guineas. They are decidedly more profitable to grow than chickens. They are in great demand in all large cities. Another advantage over other varieties is they are quiet and docile, seldom straying from the barnyard or farm. Their flesh is more delicate and better flavored than any other kind of guinea. They are universal layers and will produce eggs until cold weather sets in. Guinea fowl should be on every farm as they are always on the lookout and save many a small chick from the hawks. Their fine flavored flesh resembles partridges. They are better than watch dogs, as the least noise causes them to utter their shrill noise. You will find it the most profitable investment you ever made. Prices:—Extra selected male \$3.25, female \$2.00, trio \$6.50, eggs per 15 \$1.75, per 30 \$3.25, per 50 \$5.00.

Standard Mammoth Bronze Turkeys Our Standard Mammoth Bronze is the hardest of all turkeys, and the most extensively raised of any breed. Gobblers frequently weigh upwards of 40 lbs. They are good layers, many claiming them to lay over one hundred eggs in a season. Plumage of male on back and breast is a brilliant bronze hue, which glistens in the sunlight like burnished gold. The wing coverts are a beautiful bronze, the feathers terminating in a wide broad band across the wings and separated from the primaries by a glossy black ribbon-like mark, formed by the ends of the coverts. The tail, each feather is irregularly pencilled with narrow bands of light brown, and ending in a broad black band, with a wide edging of white. Prices:—Extra selected male \$12.50, extra selected female \$10.00, extra selected trio \$29.50, eggs each 45c., per 10 \$4.00.

White Holland Turkeys The White Holland Turkeys are domestic in their habits and will stay near at home, not roaming so far away as the Mammoth Bronze Turkeys. They are splendid for market and table purposes. Our stock is of extra large size. Their plumage is snow white throughout. Prices:—Extra selected male \$12.50, extra selected female \$10.00, extra selected trio \$29.50, eggs each 45c., per 10 \$4.00.

Bourbon Red Turkeys This valuable new and interesting type is a comparatively new variety of turkeys in this country, but are meeting with great approval with all those who have tried them. They are large, standard weight, toms 27 pounds, hens 18 pounds. They are very hardy and less subject to diseases than other types. They are very pleasing to the eye, as they are of rich red color, shading to a bluish white. Our stock is pure and well bred, is very limited and we would advise placing your orders early. Prices:—Extra selected male \$11.50, female \$9.50, eggs each 50c., per 10 \$4.50.

Sicilian Buttercups Buttercups are absolutely non-sitters, their whole thought and force is concentrated seemingly to run to the production of eggs. Spring, Summer, Autumn and Winter, nothing but eggs, first, last and all the time. In fact they are one of the few breeds which have made a record of nearly 300 eggs within a calendar year. Their bodies are very plump and heavy for their size, which is about on a par with Leghorns, and come to maturity very early, our June hatched chicks beginning to lay in December and continuing without interruption through the coldest January and February weather. Eggs, per 15, \$2.50, extra selected male, \$4.50, female, \$3.00, trio, \$8.50.

Hong-Kong or Chinese Geese Of the Hong-Kong, or Chinese Geese, there are two varieties, one pure white in plumage, the other an even shade of gray, like the Toulouse. They are a smaller breed than the Toulouse, but excel in egg production. They lay twice as many eggs as other breeds. The peculiar knot at the base of the bill makes them at once odd and ornamental. They are more swan-like and ornamental in shape and carriage than any other known variety. Many people prefer the China Geese. They are good foragers and the young are easy to raise. We breed both white and gray. Prices—Extra selected male, or female, \$5.00, each; eggs, 40c. each, \$3.75 for 10.

Toulouse Geese The Toulouse Geese, both male and female, are very massive in proportion. Their bills and feet are dark orange color; head, neck, and back a dark gray; breast males are uniform in color, being alike to a feather. Goose raising is very profitable, as they need no grain in the summer when they can have plenty of water and grass to feed on, and are small feeders in winter. Now while the Geese is so light to keep them, and you can, on the other hand, pick their feathers four times in one season, making about two pounds of feathers from one goose, which is worth \$1 to \$2, besides the young you can raise, makes them very profitable. Prices—Extra good male, or female, \$6.00, extra selected male or female, \$7.50, extra selected trio, \$17.00, eggs 40c. each, per 10 \$3.75.

White Emden Geese The Emden are an excellent breed of geese, and do not differ materially from the Toulouse except in color, which is pure white. Standard weights and prices same as Toulouse.

Large Gray African Geese These originated from Africa, they resemble the Chinese and are a most desirable breed of geese. Are large in size, very hardy, good foragers, good layers, sitters and mothers. When full grown weigh about 20 pounds each, young 12 pounds. Often lay 50 to 100 eggs in a season. Eggs, \$4.00 per 10; birds, male or female \$6.00, each.

Mammoth Imperial Pekin Ducks Are the most extensively raised. They are of a rich, creamy white and are very hardy, vigorous and healthy. They are ready to lay at an early age, seen ducklings at the age of eight weeks weigh over four pounds and in full feather. They are splendid layers, having known them to lay as high as 75 eggs in succession. In our strain the necks are strongly built, back broad and long, breast full and round, and the body deep and very long. Standard weights, drakes 9 lbs; ducks 8 lbs; Prices—Drakes \$3.00 to \$5.00 each, females \$2.50 to \$3.50 each, extra selected trio \$7.00, eggs per 13 \$1.75, per 26 \$3.25, per 50 \$5.00.

White Brazilian Squab Ducks The raising of young or Squab ducks for market has become a very profitable business, and the White Brazilian variety has always been the best one. They are good layers and are more like a wild goose or duck in flavor than any other duck. They are very hardy and thrive seemingly with only water to drink, and hatch and raise their young without any trouble. The plumage is a spotless white. The males are larger than Pekins. Our strain is the result of long years of very careful breeding with a view of obtaining large size, quick growth and large plump breasts. They do not quack. Standard weights, drakes 10 lbs; ducks 8 lbs. Prices—Good males \$3.50, extra selected males \$4.50, good female \$2.50, extra selected female \$3.50, extra selected trio \$10.00, good trio \$7.00, eggs per 12 \$2.00, per 26 \$3.75, per 50 \$5.50.

White Indian Runner Ducks This is a rather new breed of ducks, being imported from India. They have the many good qualities, their coloring being pure white. They are noted for their prolific laying, 50 eggs per year is not unusual; eggs are of large size, shell nearly always pure white. They are very hardy, develop rapidly and are very profitable. Our stock is the typical Indian Runner type and are now classed as the foremost Duck on account of their enormous laying qualities. We can furnish eggs from two flocks bred not akin, also stock which is important in successful feeding. Prices—Extra selected male or female \$3.00 each, trio \$7.50, eggs \$2.00 per 12.

Golden Sebrigt Bantams We are breeding Golden Sebrigt Bantams from the best strains in America. The Golden Sebrigts are the most popular Bantams, with jet black, win for themselves the admiration of all poultrymen. As egg producers they are unsurpassed, laying more eggs to the amount of grain consumed than any other fowls. Cock \$3.00, hens \$2.50, eggs \$2.00 per 15.

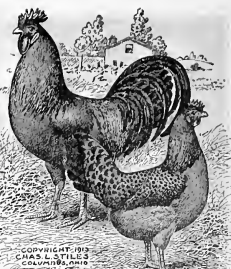
White Cochins Bantams The White Cochins Bantams are a most beautiful breed of the Cochins variety. In color they are as white as chalk. They are very tame and make pets for a small yard. They are good layers and good sitters and mothers. The chicks are hardy and easily raised. Too much cannot be said about this beautiful breed. Prices—Male \$3.00, female \$3.00, trio \$7.50, eggs \$2.00 per 15.

Buff Cochins Bantams The Cochins Bantams are a very beautiful breed of small fowls. In color they are a golden buff, same as the Buff Cochins, except the cock is usually a little larger than the Golden Sebrigt Bantams. They are good sitters and mothers. Chicks are easily raised. Too much cannot be said about this beautiful breed. Prices—Male, \$2.75, female, \$2.50, eggs per 15 \$2.00.

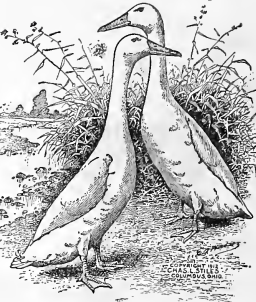
Pea Fowls Pea Fowls are the most beautiful of all domesticated fowls. They are very ornamental and will thrive only when allowed full liberty. The hens lay one egg at a time, and generally hatch and rear a bird for each egg laid. The chicks are as hardy as young turkeys. Pea fowls live to a great age and are free from taking diseases. We can supply our customers with fine fowls. No eggs for sale. Peacock, male, \$15.00 to \$25.00; hen \$12.50.

Paris White Rabbits As a child's pet, Red Eyed Paris White Rabbits have always been most popular owing to their perfect inoffensive disposition. They can be handled to any extent and even abused without the least possibility of biting or scratching. They thrive well under almost any condition, be it in a warm room or exposed to the coldest weather. They can be fed on green vegetables of any kind, grass, hay, cracked corn or bran. Dry bread or crackers can also be fed with safety. Care should be taken to not feed too much water in conjunction with green foods, as it is likely to disturb the bowels. Young Rabbits, 6 months, per pair, \$2.75; Old Rabbits, breeders, per pair, \$3.75.

Belgian or German Hares The German or Belgian Hares are much different from other hares or rabbits in many points; the ears are longer, the eyes larger and more prominent, and the head broader between the eyes. They are natives of Germany, Belgium and Scotland; in the latter place they are called Scotch Rabbits. They are very gentle, bear confinement and thrive best in close quarters; they require but little care and can be fed on grass, hay and turnips, also grain, etc., the same as sheep. They commence to breed when from six to seven months old, producing their young every six or eight weeks, and from five to ten at a time. Meat tender and juicy. Their color is gray and a Rufus red. A full-grown Belgian Hare weighs eight pounds. They can easily be kept on what usually goes to waste on a farm, and their management makes a pleasant and very profitable employment, light for children or grown people. Four-months stock, \$3.00 per pair; three pairs \$8.00; good breeders, \$4.50 per pair; single buck or doe, \$3.00 each. Special careful selection, \$6.00 per pair; single buck or doe, \$3.50 each.



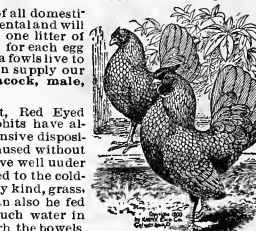
Ideal Sicilian Buttercups



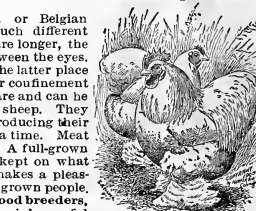
White Indian Runner Ducks



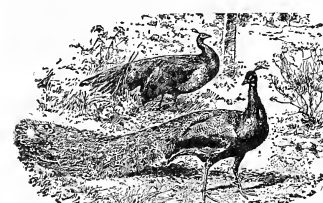
Buff Cochins Bantams



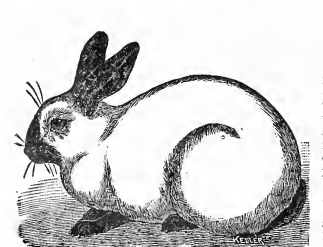
Golden Sebrigt Bantams



White Cochins Bantams

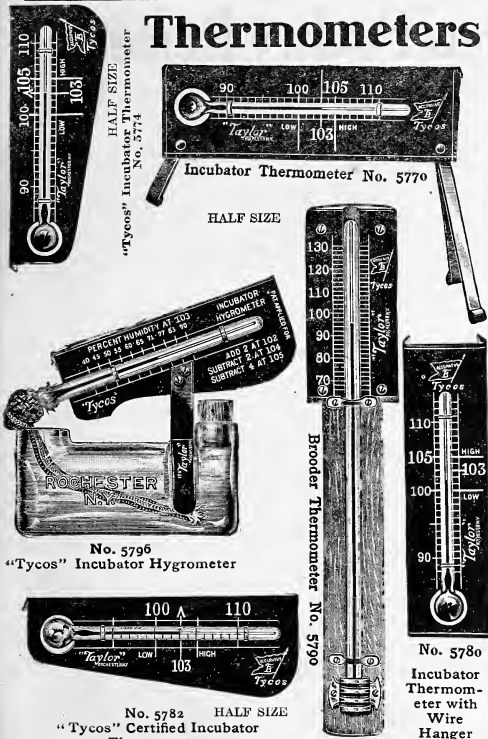


Pea Fowls



White Rabbit

Thermometers



THERMOMETER FACTS WORTH KNOWING

The successful hatching of chicks is an intensely interesting and delicate operation and too much care and good judgment cannot be exercised in the selection of a thermometer. Success in operating an incubator depends more upon the accuracy of its thermometer and the control of temperature than upon any other one feature. You will readily agree that the best incubator made, if furnished with an unreliable, inaccurate thermometer, is little better than any dry goods box for hatching chickens. Get a "Tyco's" from us and get satisfaction. They cost no more than the ordinary kind.

No. 5770 is made with metal legs, which fold under and may be adjusted to almost any desired position. Sets in among the eggs on the floor of the incubator. Doz. \$8.50; each 75c., or 85c. postpaid.

No. 5774. A very popular style. Each 60c., or 65c. postpaid.

No. 5780. This straight type incubator thermometer is considered by many to be very desirable because of its easy reading, upright scale. Can also be used at an angle, or supported by the flange on a wire. Doz. \$8.50; each 75c., or 85c. postpaid.

No. 5782. "Tyco's" Certified Incubator Thermometer with scale engraved on the glass tube to insure positive accuracy. This thermometer has the additional advantage, afforded by the engraved tube, that should the tube from any cause work loose, the mounting, the efficiency of the thermometer would not in any manner be impaired. Each thermometer furnished with certificate of accuracy. Each \$1.00; by mail, postpaid, \$1.10.

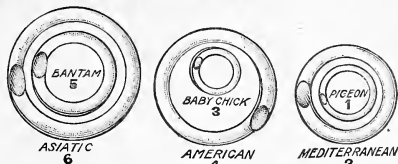
No. 5790. "Tyco's" Brooder Thermometer. Made to set into a hole in top of brooder, the part above shoulder or flange remaining exposed, to admit of easy reading. Has magnifying lens front, making much easier reading of the scale. Each, 75c.; by mail, postpaid, 85c.

No. 10. Metal Brooder Thermometer. Each, 50c.; postpaid, 60c.

No. 33. Poultry Scalding Thermometer, 220 degrees. Each, 85c.; postpaid, \$1.00.

No. 5796. "Tyco's" Incubator Hygrometer. In order to control the moisture conditions in your incubator they must first be known, and for this purpose a "Tyco's" Incubator Hygrometer is necessary. This instrument tells the percentage of moisture present, just as the "Tyco's" Incubator Thermometer tells the degrees of heat present—neither one takes the place of the other, but both should be used together. Millions of chicks die in the shell every year for the want of proper moisture conditions. The first week about 60% moisture; the second week about 55%; the third week about 60%; hatching time about 45%. Full directions with each instrument. Each, \$1.50; postpaid, \$1.65.

Celluloid "Key-Ring" Leg Bands



FOR

Keeping Pen Records Marking for the Breeding Pens
Mating up the Breeding Pens Marking the Day-Old Chicks
KNOW YOUR HENS ON SIGHT. ON AND OFF LIKE A KEY RING.

You can mark 120 chickens, each with a different combination, using no more than two bands to each. Light as a feather. Indestructible, will not fade, easily put on and will stay on.

No. 2, Mediterranean; No. 4, American; No. 5, Bantam; No. 6, Asiatic; in colors, Red, White, Light Blue, Pink and Green.

Prices, 12 for 15c.; 25 for 25c.; 50 for 50c.; 100 for 85c.

No. 1, Pigeon; No. 3, Baby Chick; in colors, Red, White, Light Blue, Pink and Green.

Prices, 12 for 12c.; 25 for 20c.; 50 for 40c.; 100 for 65c. All leg bands postpaid.



LARGE RAISED FIGURES

Prices, 12 for 15c.; 25 for 25c.; 100 for 75c.; 1000 for \$6.50 postpaid.

The Victor Band

In Colors With Numbers

Made in celluloid and aluminum. Adjustable for any breed. Entirely new and different from all others.

Large printed numbers, bright and clear colors. RED, BLUE, WHITE, YELLOW and GREEN.

We believe it to be one of the most satisfactory and most durable bands that has ever been offered to the poultryman. Trapsmen promptly see the advantages of a band of this kind.

Prices, prepaid by mail: 12 for 35c.; 25 for 65c.; 50 for \$1.15; 100 for \$2.25; 200 for \$4.25.



Victor Band



Angular Progressive Poultry Killing Knife

Every poultry raiser should have one of our Killing Knives. They are made of finely tempered instrument steel, with nickel handle; will last a lifetime. 5c. for postage, if by mail, securely packed.

Double-Edge French Poultry Killing Knife 50c. each.

FRENCH SAFE-EDGE KILLING KNIFE PILLING - PHILA.

Safe or Single Edge French Poultry Killing Knife, 50c. each



Pilling Fowl Catcher

Sent postpaid, 25 cents

POULTRY MARKERS

These will be found very useful for marking poultry, which is done in the web of the foot. A perfectly painless operation, and you can always know your fowl. We carry in stock all approved makes. All postpaid.



Duplex Poultry Marker



Philadelphia Poultry Marker



Lansdowne Poultry Marker

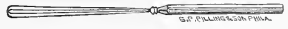
Philadelphia, either large or small hole, each 25c.
Lansdowne, either large or small hole, each 25c.

Gape Worm Extractors—Postpaid

German, Made of German Silver, each 25c.
Hallowell, Silver, wire and horse hair, each 10c. doz. \$1.00.

Metz Gape Worm Extractor consists of a horse hair in a specially constructed brass tube. Very effective and cannot hurt the chick's windpipe. Price, 25c. each.

Philadelphia Gape Worm Extractor



We are Philadelphia
Headquarters for

Conkey's Famous Poultry Remedies



CONKEY'S ROUP REMEDY is used in every civilized country of the world and is absolutely guaranteed for this most terrible poultry disease, given in anything like a reasonable time. Save those sneezing, wheezing, moping, swollen-headed fowls with Conkey's Roup Cure. It kills the disease germs, tones the bird, and restores your profits. 50c size makes 25 gallons, \$1.00 size makes 75 gallons of medicine. Price, 25c, 50c, and \$1.00, 50-lb. can \$6.00, postpaid.



CONKEY'S LAYING TONIC makes hens do their best. This article actually promotes egg production without injuring or straining the fowl in the least. It is not a food, which you can buy cheaper at home, but it is a tonic medicine which induces the perfect assimilation of the food, increases the appetite, keeps the egg producing organs in a vigorous state, promotes egg production and gives the necessary health to accomplish their task. It is not a food and has no filler, but is mixed with your own food supply at home prices. It is rich in egg-making material. Prices, 24-oz. 25c, 51-oz. 50c, 7 lbs. \$1.00; 25-lb. pail, \$2.50.

CONKEY'S HEAD LICE OINTMENT. It has an agreeable odor, is perfectly harmless to the chick, and kills the lice the moment it touches him. Prices, 1-oz. box (good for 100 applications), 10c, or 12c; postpaid; 3-oz. box (good for 300 applications), 25c, or 28c, postpaid.

CONKEY'S BRONCHITIS REMEDY. Bronchitis is often mistaken for Roup, though it is a distinct disease and requires different treatment. Satisfaction guaranteed. Price, 50c, postpaid.

CONKEY'S LIMBER NECK REMEDY. It is a very fatal disease if not attended to at the start. This remedy cures it, if given in prompt and reasonable time. It is one of the remedies which should be right at hand. When you need it, often it is too late to send for it. Price, 50c, or 60c, postpaid.

CONKEY'S BLACKHEAD REMEDY. A special remedy for Blackhead (Enterohepatitis) in turkeys. Guaranteed results. Price, 50c, or 55c, postpaid.

CONKEY'S POULTRY WORM REMEDY. Rids the fowl of all the harmful worms as well as the so-called harmless worms. Leaves the fowl in a healthy, vigorous state, with no drain on its system. Price, 50c, or 55c, postpaid.

CONKEY'S LICE POWDER. It kills them all. Chickens feel soothed and refreshed by treatment. It restores the health and vitality to your poultry. Not only free fowl from torture, but is an absolute safeguard against more lice if applied at intervals. Most economical remedy on the market. Costs little and means big saving. Pays for itself twice over in a single treatment. Order at once. Having tried it, you will always want it. Thousands of poultrymen all over the United States keep it always on hand. You will be surprised at the saving it will make for you. Price, 5-oz. pkg. 10c, postpaid 15c, 15 oz. 25c, 48 oz. 50c, 100 oz. \$1.00, 25-lb. pail \$3.00.

CONKEY'S PIP AND CANKER SPECIAL. It is for use wherever Canker, from any cause, has developed in poultry or pigeons, and must be applied locally. Canker is a ravaging disease and very contagious. It is a very severe case that will not yield readily to our CANKER SPECIAL and we highly recommend it for pneumonia or congestion of the lungs. Price, 50c, postpaid.

CONKEY'S DEPLUMING MITE AND LICE PIX. A new way of getting after and driving off the ever-present Body Louse. It comes as an ointment and a few applications around the vent, each year, will keep the birds practically free from lice. Price, 50c, postpaid.

CONKEY'S NOX-I-CIDE. The best poultry and stock disinfectant. It mixes with water, in correct proportion for using, one gallon making 100 gallons of ready-to-use liquid. It is the cheapest and most effective article of its kind ever put out. For poultry, it is an unexcelled article for cleaning and purifying the houses, runs, brooders, founts and utensils. It is excellent for all live stock and is a high-grade sheep dip. It cures cuts, galls, scratches, thrush, cracks, fissures, etc. It is an ideal stable disinfectant, as it removes odors, prevents flies from breeding, and sweetens and purifies everything it touches. It is excellent for the kennels. It cures eczema and skin diseases generally, even for the dog. It is even a most excellent shaving wash. Prices, 1 qt. 35c, 1 qt. 60c, 2 qts. 90c, 1 gal. \$1.50; 5 gals. (jacketed), \$6.50; 10 gals. (jacketed) \$11.50.

CONKEY'S LICE LIQUID. It can be painted on the roosts and applied to cracks and crevices, with a brush, full strength. Then mix 1 part Conkey's Lice Liquid with 25 to 50 parts water and spray the whole house thoroughly. Repeat in a week or 10 days. This makes an excellent disinfectant and germ destroyer and is cheap as it mixes with water. It renders the house pure and wholesome, and free from infection. It is the very best Mite liquid made and we guarantee it to kill every mite. Mites attack the fowls only when they are on the roosts; they cover their bodies, scratch their blood, and hide by day in the roosts and walls. 1 qt. 35c, 2 qts. 60c, 1 gal. \$1.00, 5 gals. (jacketed), \$4.00.

CONKEY'S CHOLERA REMEDY. This remedy will cure all cases of so-called Cholera, such as Indigestion, Bowel Trouble, Diarrhea, Dysentery, etc. Conkey's Nox-I-Cide is a valuable adjunct in the treatment of this disease. Price, 25c, 50c, and 50c, postpaid.

CONKEY'S POULTRY CONDITIONER AND MOULTING TONIC is a remedy especially valuable for fowls run down, off feed, recovering from disease, or during moulting season. It is also excellent for little chicks which do not seem to thrive. This made to meet the growing demand for a tonic to be given in cases which are not thoroughly cured or unimproved. It is a general invigorator, quickly bringing birds to a normal condition. It is a general tonic, distinct from our special laying tonic. Prices, 25c, or 50c, postpaid; 50c, or 60c, postpaid.

CONKEY'S RHEUMATIC REMEDY. Rheumatism in fowls is similar to rheumatism in human beings. This remedy cures the lameness and restores your fowls to usefulness and profit. Price, 50c, or 60c, postpaid.

CONKEY'S HEALING SALVE. This article is one of the best salves known and is good for you as for your fowls. The best remedy for frost-bitten combs. It heals everything on man, beast or fowl. Price, 25c, postpaid.

CONKEY'S STICK-TIGHT FLEA SALVE. For the Stick-tight Hen Flea. This kills and removes them at once without injury to the fowls and also provides great value in exterminating this pest. Price, 25c, or 30c, postpaid.

CONKEY'S SCALY LEG REMEDY. Scaly Leg is caused by a parasite working underneath the scales of feet and legs. It spoils a fowl and gives it a very bad appearance. This remedy kills the parasite and removes the blemishes. It is also much used to cleanse the legs of show birds for exhibition. Price, 25c, or postpaid 28c.

CONKEY'S SORE HEAD, CHICKEN POX, WHITE COMB AND FAVUS REMEDY. Chicken-Pox is a disgusting disease. It goes by different names in different localities. In the south it is called Sore Head. In other places it is termed Pox and Favus. It is a small pox. It is the small-pox of the poultry yard. This remedy will wipe it out every time. Price, 25c, postpaid 30c; 50c, or 60c, postpaid.

CONKEY'S GAPE REMEDY. Gapes are caused by gape worms in the windpipe. This remedy saves thousands of little chicks each season. It will save your fowls in reasonable time. Price, 25c, or 30c, postpaid; 50c, or 65c, postpaid.

CONKEY'S SULPHUR CANDLES. Easy to light, safe to use, and deadly to all germ and insect life. Moistens the air, burn the candles and they will neutralize all germ infection. Prices, each 10c; three for 25c; \$4.00 per doz. By mail, 5c, extra.

CONKEY'S WHITE DIARRHEA REMEDY. The new Conkey discovery, a remedy, also a preventive for fatal white diarrhea in little chicks. Easy to give in the drinking water. Cures even bad cases. Have it on hand early to insure the hatch. It is chick insurance for PREVENTION. Price, 50c, postpaid.



WEAK-NEE-WELL is a tested remedy that has proved its effectiveness. Prevention is better than cure. Weak-Nee-Well will be a sure and cure leg weakness in its worst form. Will yield to this treatment in from one to five days and will prevent the other chicks from becoming afflicted. You need not change your method of feeding. This trouble begins to show itself usually when the chick is about three weeks old, gradually reaching a stage where they are unable to stand, then the affected must be promptly treated. Also an excellent remedy for all bowel trouble. Weak-Nee-Well is sold to you with a guarantee to cure and prevent leg weakness in chicks. Also, guaranteed to contain nothing harmful. Simple directions. Price, No. 1 carton 25c, by mail 30c; No. 2 carton 50c, by mail 55c.

OLD ENGLISH SALT CAT For Pigeons, Pheasants, Turkeys and Game Birds

Salt Cat aids digestion, invigorates and promotes good health, thereby placing the birds in strong, active condition, and is an all-round tonic, increasing natural important elements of strength and vigor; increases egg production and endurance. It contains aromatic and tonic properties of such roots as gentian, anise, caraway, cummin, and coriander; also bone, shell, charcoal, limestone, rock salt, sulphate of iron, etc. It is made from *Purified English Formula* and is put in cartons of brick form, which compels the birds to pick at it, thus giving exercise and keeping them busy. Price, per brick 10c, per dozen, \$1.00. One brick by mail, postpaid, 20c.

SMITH'S INSECTICIDE

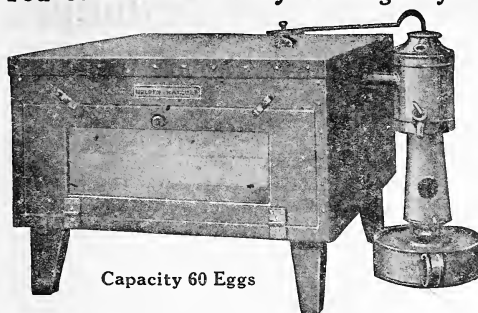
KILLS LICE ON POULTRY OF ALL KINDS
On Birds and Plants, Fleas on Cats and Dogs and all other animals.

It is absolutely dry, powerful in action, finely ground and easily applied.

OUR GUARANTEE

Smith's Insecticide is in a class by itself. It is so compounded with active ingredients that every particle is absolutely destructive to lice and fleas. It will not dull the plumage, nor injure the fowl in any way. Can be safely used on young chicks, and it contains no poison of any kind. It is injurious to bird or man. It is highly endorsed by the leading poultry authorities. No breeder can afford to be without it. Prices, 1/4 lb. 10c, 1 lb. 25c, 40 oz. 50c, 80 oz. \$1.00.

You Can Make Poultry Raising Pay Big Profits if You Use Our Incubators



Capacity 60 Eggs

tors who have set hens and the Golden Hatcher from the same lot of eggs healthy chicks than the hens.

The egg tray has a slip section so the chicks will drop into the nursery as fast as hatched. The ventilation is purely automatic, you cannot make any mistake in the operation. It is equipped with a moisture pan, thermometer, egg tester, etc. Price, complete, only \$8.00.

The Wonderful Golden Hatcher

America's Never Broody Wooden Hen

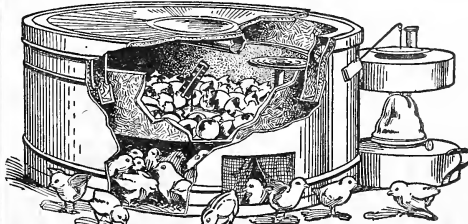
This incubator we have designed and built for those of our Poultry Friends who wish to get a good dependable, guaranteed, low priced, high grade, small capacity hot water wooden machine.

The heater and pipes, connecting heater to radiator or circulating pipes are all made from the best sheet brass, with brass faucet.

The case is made of No. 1 grade California redwood. This is covered with air cell or cellular fiber board which forms the insulation. The top is insulated with heavy cellular asbestos board. The outside finished case is of strong sheet steel, enameled, olive green color, making a very strong, durable machine, absolutely fireproof, built to give years of satisfactory service.

The Golden is a Wonderful Hatcher. It will hatch from 80 to 90 per cent right along. The majority of the hatches run nearer 90 per cent, that 80 per cent. Some hatches are better than 90 per cent. Some operators report that the Golden hatched even a larger per cent, of strong

World's GREATEST All Metal Hot Water Hatcher
Simplicity Combined Hot-Water Hatcher and Brooder



SIMPLICITY INCUBATORS

Have No Cold Corners

Its Convenience. Note how compact, how comparatively small an incubator. It looks fine. Set it on end of table or any suitable place for an incubator. It looks fine.

Heat Distribution. Absolute uniformity at every point. Heater radiator does it. From outer wall toward center. Large circular radiator does it. Cross-pipe equalizer helps. Exclusive Simplicity feature.

Glass in Top. No necessary to open incubator to view their mommies! Eggs in plain sight all the time. You'll like it.

14-Ounce Copper. Large circular radiator, etc. Cold rolled and won't rust and leak; lasts a lifetime.

Long Life. No wood to dry and warp, shrink, crack, catch fire or let in cold. Lasts a lifetime.

The Circular Shape of the machine is a great advantage. There are no cold corners, the hatcher or brooder could be safer than the Simplicity.

Oil Saving. No. 1. Due to great heating capacity of circular radiator; small flame radiates large volume of heat in egg chamber. No. 2. Due to air-tight, splendidly insulated metal body; keeps heat in and cold out. A 50% oil saving.

Hot Water Heat. Means steady, uniform heat. Heaviest copper system. Means no leaks, no rust, complete satisfaction.

Brooder Feature. Another exclusive Simplicity feature; better than the hen's; no trampled chicks; no accidents. Brooder is part of hatcher. Same heat, same even moist warmth; sanitary, light and perfectly ventilated.

Our Low Price. Never before so much real quality for so low a price. Considering what the Simplicity will do—the way it will hatch, the oil it saves, the eggs it saves—it's the most economical hatcher and brooder in the world. Judge it by what it will do.

Greatest Hatcher. 90 chicks from 100 eggs, says Frank Stun- ley, Pittsboro, Indiana. "48 chicks from 50 eggs," says C. H. Spelker, Pittsburg, Pa. "84 chicks from 89 eggs," says John Keil, Jr., Bellevue, Iowa. We have thousands of such letters in our files we have not space to print here.

Three Sizes

All three sizes can be sent by Parcel Post. Will give cost on application.

Model A-50—50-egg size, copper tank, \$10.00. Size 17 inches in diameter. Shipping weight, 20 pounds.

Model 100-A—100-egg size, copper tank, \$15.00. Size 22 inches in diameter. Shipping weight, 30 pounds.

Model A-150—150-egg size, copper tank, \$18.00. Size 25 inches in diameter. Shipping weight, 40 pounds.

"Peerless-66"

is the Most Remarkable All Metal Hot Air Hatcher in the World



No Trays to Handle

Heat,
Moisture,
Ventilation,
All Perfect

Friends, whether you are buying your first machine or figuring on an addition to your equipment—or replacing old machines, the one hatcher in the world for you is the 1917 Peerless-66. It is pre-eminently the incubator for everybody.

For 1917 I have introduced over 50 improvements. And that, mind you, in a hatcher that had already set a world's record for results. Now, the 1917 Peerless-66, stands absolutely as the only practical, all-metal, fireproof, everlasting machine produced. It is the only machine of its size with a perfect heating and heat distributing system. It is the only incubator ever produced alike adapted to the largest poultry raiser and beginner as well. Tens of thousands of users have

Proven Peerless Principles Perfect

They have proven that this hatcher, all metal, round like a nest, built on the famous Sheer Unit system, is just the right size to give the greatest efficiency. It is the right size to give the greatest economy. It will last for years. They have proven this by the profits this hatcher has put in their pockets. That's why J. H. of Georgia, reports: 97 per cent. Hatches.

"Peerless-66"—66 Eggs Only—\$6.60

The machine is equipped throughout with the famous Sheer Features. The wonderful Sheer Wafer Thermostat Regulator automatically controls heat, regulates moisture and ventilation. Overheating is impossible. The heating plant is a marvel. Simple, positive, unflinching.

THE PEERLESS-66 BROODERS

The Peerless 66 Brooders are round like the Hatchers—no corners in which the chicks can crowd and be smothered. They are made entirely of metal, with the exception of the flannel curtain and felt insulated lining.

In the Lamp Heated Brooder the water is forced through a double coil pipe heater and kept in constant circulation by the heat of the lamp. The lamp heated brooder is provided with a thermometer and regulator. Price, \$6.00.

Cyphers Incubators, Hovers and Brooders

CYPHERS SUPERIOR

Hot-Water Incubators



LARGE SIZE SUPERIOR
Capacity, 130 Eggs
Price, complete, \$18.00
See guarantee on this page

The smaller size SUPERIOR holds 65 hen eggs. Will hatch duck eggs as well as hen eggs. Short legs are supplied with the small SUPERIOR, so it can be operated conveniently on any firm table. \$13.00.

Boiler at end of each SUPERIOR is of heavy wrought-iron copper and so is the tubular tank which leads therefrom and circles the upper part of the hatching chamber, first passing along the front, above the door, then crossing over and returning to the boiler along the rear wall, thus heating first the more exposed side of the chamber and at the same time producing a forced circulation of water.

Lamp has seamless bottom. All parts are machine-made. Burner is best on market for incubator use. Both sides of SUPERIOR are equipped with the regular Cyphers zinc-and-steel, toggle-joint standard regulating device, the same exactly as has been used on Cyphers Incubators for years. With reasonable care this entire regulating device will last a lifetime and continue to do its work.

Under the egg tray of each SUPERIOR Incubator there is ample nursery space for the chicks first to hatch, furnishing a comfortable "drying off" and hardening place for the early comers.

CYPHERS COLUMBIA

Hot-Air Incubators

COLUMBIA HOT-AIR INCUBATORS are warranted to hatch duck eggs as well as hen eggs, having ample range of ventilation.



LARGE SIZE COLUMBIA
Capacity, 250 eggs
Price, complete, \$25.00
See guarantee on opposite column

COLUMBIA INCUBATORS embody the Cyphers Company patented diffusive principle of heat mixture and uniform circulation and are self-ventilating. Diaphragm in upper part of hatching and radiating chamber is readily removable and same is true of lower diaphragm.

Both sides of COLUMBIAS are equipped with regular Cyphers zinc-and-steel, toggle-joint standard regulating device, the same exactly as has been used on Cyphers Incubators for years with world-wide success.

Ample room exists under each egg tray as a nursery space for the chicks first to hatch, or for use in "hardening" all the chicks a day or two before they are transferred to regular brooding quarters.

COLUMBIA SMALL SIZE INCUBATOR

Holds 140 eggs and the price is \$18.00. It is essentially the same as the large size holding 250 eggs and differs only in size, and has the same guarantee.

CYPHERS COMBINATION BLUE-FLAME GAS BURNER

Cyphers Combination Blue-Flame Gas Burner, illustrated herewith, burns with a blue flame which produces the maximum amount of heat with the minimum consumption of gas. Made in two sizes, large and small, corresponding to the two sizes of oil burners furnished with Cyphers Incubators and Brooders. The Blue-Flame Gas Burner is sold complete, with heat spreader, ready to be attached to gas pipe or bracket. This gas burner is adapted for use on incubators and brooders of other makes. Price: each \$50c, postpaid 60c. With cast iron base and four feet gas hose, \$1.75.



Blue-Flame Gas Burner

Genuine Standard Cyphers Incubators

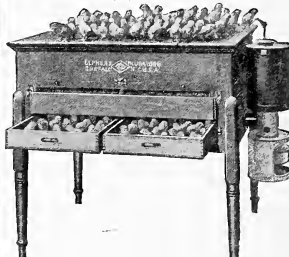
FIRE-PROOF INSURABLE

Guaranteed to be the Best Hatchers of the Largest Percentages of Strong, Vigorous, Healthy Chicks. Beginners Obtain Success with Them on First Trials. Every Machine is Warranted.

MADE IN FOUR SIZES

No. 0 Incubator—	Capacity, about	70 Hen Eggs,	56 Duck Eggs	\$16.00
No. 1 Incubator—	"	141 "	112 "	25.00
No. 2 Incubator—	"	244 "	200 "	37.00
No. 3 Incubator—	"	390 "	300 "	44.00

We supply an X-Ray Egg Tester, a tested Standard Cyphers Incubator Thermometer, and our booklet, "Directions for Operating and Hints to Aid the Operator," packed in every incubator.



No. 2 INCUBATOR, CAPACITY 244 EGGS

The No. 2 and No. 3 Standard Cyphers Incubators are equipped with what we call a drop-bottom.

These two larger-sized machines are also furnished with two nursery drawers. The drawers occupy the nursery space underneath the egg trays and are reached through a solid wooden door.

The No. 0 and No. 1 size incubators are not equipped with the nursery drawers, for the reason that they are not required in these smaller-sized machines. These two smaller-sized machines contain all other improvements, including the new metal-cap, banded heaters, the latest-improved thermostats, the removable top diaphragms, the inclined egg trays, and the split lower diaphragms.

No. 3 INCUBATOR, CAPACITY 390 EGGS

Our No. 3 INCUBATOR is the machine that operators of large poultry plants are using. It holds 390 hen eggs, and is a model of usefulness and finish. They are the business machines of the Twentieth Century, and have enabled practical men to increase the size of their plants till they raise 40,000 and 50,000 chicks a year.

The Same Amount
Of Feed Will
Raise Each



CAPON TOOLS



Anyone can turn young cockerels into capons and double their poultry profits. Cheaper and easier to raise, need less care; same amount of feed required for 4 1/2 lb. cockerel produces 8 lb capon, selling for 30c per pound when roosters bring only 15c. Complete directions with every set.

Philadelphia Caponizing Set complete with instructions, in paper box, \$2.50; by parcel post, insured, \$2.60. In velvet lined case, \$2.75; by parcel post, insured, \$2.85.

The Farmer Caponizing Set in velvet case, \$3.00; by parcel post, insured, \$3.10.

The Miles Caponizing Set. The tools are of the latest up-to-date kind, of the finest steel and best workmanship. Velvet case, \$5.00, postpaid.

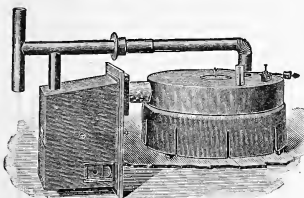
STANDARD CYPHERS BROODERS

CYPHERS INCUBATOR COMPANY offers its customers a line of individual brooding apparatus that is as well constructed and as well adapted for the use intended as are its Incubators. They not only are fire-proof and insurable, but are the best designed, the most durable, the most convenient, and the most efficient indoor and outdoor individual brooding devices of their class thus far invented and placed on the market.

All Cyphers Company Brooders are built so they can be shipped knock-down, compactly crated, thus insuring much lower freight rates to all points. With every brooder we furnish an illustrated circular of directions for setting it up. Prices quoted are f. o. b. factory.

Cyphers Adaptable Brooding Hover

Adapted for Safe and Convenient Use Anywhere that is Suitable for Raising Chickens or Ducklings



Cyphers Company Adaptable Hover

Side view of Adaptable Hover, ready for use. Fire-Proof, Insurable, Self-Ventilating and Self-Regulating. Used as the Heater for all Cyphers Outdoor Brooders, and can be adapted for use in Home-Made Brooder Cases, Colony Houses, etc.

ing pens or chick runways side by side.

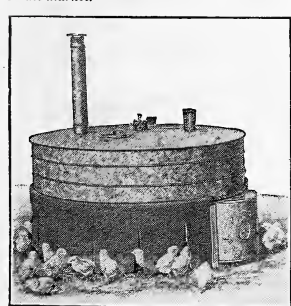
As the name indicates, this efficient and ingenious device is "adaptable" for use anywhere that chicks can be housed with safety, and it will do satisfactory work under widely varying conditions. It is constructed entirely of non-combustible material, and could be operated without danger of fire if placed in a kindling-wood box filled with shavings.

Price of Adaptable Hover, Complete with Standard Cyphers Regulator, Tested Brooder Thermometer and bearing "Inspected Brooder" label, safely boxed \$10.00

Cyphers Portable Hover

Self-Regulating For Indoor Use

The self-regulating and self-ventilating Portable Hover, illustrated herewith, is the only Self-Regulating and Self-Ventilating portable brooding hover thus far invented, and we guarantee it to be the best device of the kind on the market.



Shows the Cyphers Company Portable Hover in Use on Floor of Poultry House. Chicks at all times are on a level with the surrounding floor.

Price of Cyphers Company Self-Regulating and Self-Ventilating Portable Hover, complete \$10.00

Cyphers Adaptable Brooding Hover is self-ventilating and self-regulating.

The Adaptable Hover is also intended to be used separately as a brooding device in colony coops, in portable houses and in home-made brooders such as goods boxes, piano boxes or organ cases, and can be adapted to other makes of brooders, provided they are twenty-six inches high and of fairly good dimensions otherwise. It is especially recommended for use in continuous brooding houses, containing

Cyphers Style A Outdoor Brooder

Two-Apartment Combination Brooder and Colony Roosting Coop. Self-Regulating, Self-Ventilating. Fire-Proof—Insurable

It employs top heat exclusively, thus giving the chicks free use of all space underneath the hover. It is self-ventilating and self-regulating.

By the use of the double-frame door we secure several advantages, including the following: A large door opening to one side, out of the way for cleaning purposes; a door, the sill of which is on a level with the floor of the exercising room, which facilitates cleaning, a convenient means for obtaining ample ventilation.

This brooder like all Cyphers Company styles, can be used indoors as well as outdoors, with equal success and safety.

Dimensions: Floor space, 32 x 82 inches; height, 32 inches in front, 24 inches at rear. Capacity (normal), seventy-five newly-hatched chicks; hover space for twice that number.

Price of Cyphers style A Outdoor Brooder, Complete with Standard Cyphers Regulator, Tested Brooder Thermometer and bearing "Inspected Brooder" label, safely crated, f. o. b. factory, \$15.50



Cyphers Style B Outdoor Brooder

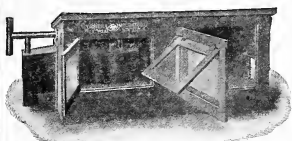
Fire-Proof—Insurable. Three-Apartment, Combination Outdoor Brooder and Colony Roosting Coop. Self-Ventilating and Self-Regulating. Floors of hover and exercising apartments on same level.

height 32 inches in front, 24 inches in rear. Capacity (normal), one hundred newly-hatched chicks; can accommodate one hundred and fifty chicks.

Price of Cyphers Style B Outdoor Brooder, Complete with Standard Cyphers Regulator, Tested Brooder Thermometer, and bearing "Inspected Brooder" label, safely crated, f. o. b. factory, \$19.50

Cyphers Style C Outdoor Brooder

Three Apartments, Double-Insulated Hover Apartment. Fire-Proof—Insurable



Cyphers Style C Outdoor Brooder

Same in all respects as the popular Style B Brooder except that hover apartment has double walls with air-tight space between, and double glass in the double glass with air space between. Recommended for special use in more northern latitudes and very early in season for extra valuable chicks.

Dimensions: Floor space, 32 x 82 inches; height 32 inches in front, 24 inches in rear. Capacity (normal), one hundred newly-hatched chicks; can accommodate one hundred and fifty chicks. Slipped knock-down at low freight rates.

Price of Cyphers Style C Outdoor Brooder, complete with Standard Cyphers Regulator, Tested Brooder Thermometer, and bearing "Inspected Brooder" label, safely crated f. o. b. factory, \$21.00

Cyphers Cico Coal-Burning Colony Hover

Cico Coal-Burning Colony Hover \$15.00

Cyphers Coal-Burning Colony Hovers

No.	Size	Price	with regulator	Price
No. 1	Small Heater, 42-inch Dome	\$20.00		
No. 2	" " 42 " "	25.00		
No. 3	" " 60 " "	36.50		
No. 4	" " 60 " "	31.00	with regulator	
No. 5	Large " 42 " "	22.00		
No. 6	" " 42 " "	27.00	with regulator	
No. 7	" " 60 " "	38.50		
No. 8	" " 60 " "	33.50	with regulator	

Queen

Hot-Water Incubator

Advantages of Hot-Water Heating

IN THE FIRST PLACE the heat is more steady. It does not become so intense at any time as to "cook" the eggs. When you take out the lamp to fill and clean it, the heat is maintained in the egg chamber without the slightest variation. Suppose you should forget to fill the lamp and it would go out. The hatch would be safe for hours as the tank would keep the eggs warm meanwhile. With the hot-water system you can lead and hold the heat, so to speak, where you want it. The tank and the heater are made of the best quality of cold rolled heavy weight copper.

BEST OF ALL HOT-WATER HEAT is the right kind of heat for hatching, because there is not that drying out that is the case in all hot-air machines. It is unnecessary under any ordinary conditions to supply moisture in the Queen, as the circulation of water through the pipes neither adds nor takes away moisture, just carries the air to the eggs naturally, like the mother hen does. Hot-water heat is admittedly the best for your house, so it must be the best for your incubator.

LOOK AT IT CAREFULLY and we will briefly go over the features that put the Queen in a class by itself and make it the best hot-water incubator.

Queen incubator cases are made of California redwood, with double walls, filled between with wool felt.

THE DOORS ARE DOUBLE, the inner one being of glass. Extra care is given to the fitting of these doors. In the Queen incubator I use two layers of corrugated straw-board between wooden walls, which makes the insulation doubly sure. A dead air space is a non-conductor of heat, and is used wherever a good insulating wall is wanted.

THE BEST thing about the Queen regulator is that it absolutely regulates the temperature to a nicety. The care with which it is built and the carefulness of its adjustment are not equaled anywhere.

IT WAS ONCE THOUGHT IMPOSSIBLE to regulate the heat of an incubator within a degree. The Queen regulates within a quarter of a degree, though the temperature outside may vary fifty degrees. It is the only regulator built able to make such a record. Full instructions with each machine.

YOU CAN DEPEND ON A QUEEN incubator for two things—economy and reliability under sudden changes in the temperature outside.

A well insulated incubator costs only a fraction to run as against one that has poor insulation. The common, cheap machine is losing heat rapidly and needs two or three times the heat it should have in order to keep up the necessary temperature.

RANCH SIZE QUEEN. Of late years there has been an insistent demand for large size hatcheries. This comes principally from large poultry farms and ranches, but still a great many inquires come from those wishing to hatch all their chicks in one or two settings. The first of these inquiries started us to working and now after several years of careful tests we can offer in full confidence our No. 25 600-egg size Queen to those wishing large units.

QUEEN INCUBATORS ARE FURNISHED COMPLETE with automatic heat regulators, jacketed copper boiler and radiator, steel lamp bowl with steel chimney and heavy brass burner with removable gauze, adjustable metal lamp shelf, best mercury thermometer, funnel, egg tester, egg trays, chick and nursery drawers, screws and washers for attaching parts, and book of instructions which tells how to set up and run the Queen for big results and also gives a large amount of information, useful to the chicken raiser.

QUEEN INCUBATORS ARE BUILT COMPLETE AT THE FACTORY AND DO NOT REQUIRE A MECHANIC TO SET THEM UP, READY FOR BUSINESS

QUEEN BROODERS ARE EQUAL to Queen incubators in merit. The same study, care and workmanship that made the Queen incubator the sure, reliable machine that it is, were put into the Queen brooder. I ask you to investigate it and convince yourself of this fact.

IT MIGHT BE PROPER to say here that an outdoor brooder will work indoors as well as out. Also, an indoor brooder is all right for outdoor use when the weather is not stormy.

WANTS THREE MORE.

1295 79th Street, Brooklyn, New York, November 21.
Well, I have tried out one of your Queen incubators, and let me state that it has been a grand success. Out of 122 fertile eggs placed in one of your 180-egg incubators it hatched out 117 fine, healthy chicks. In January I will give you an order for three more incubators.
Resp. yours, HENRY T. MARTIN.

PRICE OF QUEEN INCUBATORS

No. 1—75 egg size . . .	\$14.00
No. 2—125 egg size . . .	17.00
No. 3—165 egg size . . .	22.00
No. 4—250 egg size . . .	27.00
No. 5—375 egg size . . .	35.00
No. 25—500 egg size . . .	45.00
No. 35—750 egg size . . .	75.00
No. 45—1000 egg size . . .	95.00
No. 55—1500 egg size . . .	135.00
No. 65—2000 egg size . . .	180.00

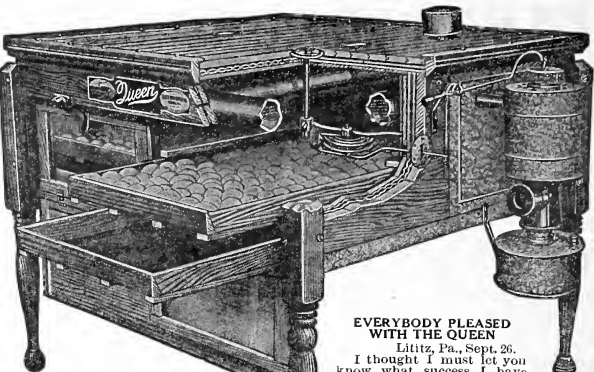
PRICE OF QUEEN INDOOR BROODERS

No. 6—75 chick size . . .	\$8.50
No. 7—125 chick size . . .	9.50
No. 8—165 chick size . . .	10.50
No. 9—250 chick size . . .	11.50

PRICE OF QUEEN OUTDOOR BROODERS

No. 10—125 chick size . . .	\$14.50
No. 11—165 chick size . . .	16.50
No. 12—250 chick size . . .	18.50

No. 4 QUEEN INCUBATOR



EVERYBODY PLEASED WITH THE QUEEN

Lititz, Pa., Sept. 26.
I thought I must let you know what success I have had with the Queen Incubator (240-egg) I bought of you last spring. I have had four good hatches, the first averaged 85 per cent, the next two 82 per cent, and the last 80 per cent, so you may know I am well pleased with the Queen.
HOWARD H. STRICKER, R. 3.

QUEEN BROODERS RAISED NEARLY ALL THE CHICKS FOR WATT M. PERRIN, of Sargent, Neb.

"I bought an incubator and two brooders last year from your agent here and I find they are certainly a success. I hatched between 90 and 95 per cent, of all fertile eggs and raised nearly all the chicks—even more than hens can raise. I cannot recommend your incubators and brooders too much."

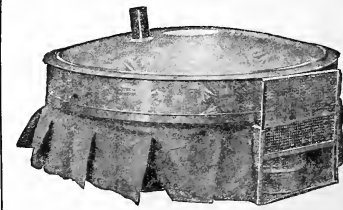
DIDN'T KNOW HE HAD AN INCUBATOR

Smithfield, Pa., March 29.
I promised to write my success with the Queen. I think that the Queen is just fine and it will do all that you say for it if it is tended. I had no trouble with it at all—it is so easy to run that I hardly knew I had an incubator at all.
WILLIAM PASTORIUS.

The "Cozy" Hover

Our most popular seller. Of heaviest galvanized steel material. Ideal circular hot-air heating built-in lamp; glass in top; visible thermometer; colorless burner; 50 to 75 chick size; positively guaranteed. A small yard of poultry netting can easily be attached.

Model D125, each \$6.00



IT PAYS TO BUY THE BEST.

We have all that we know to be good in HIGH GRADE POULTRY SUPPLIES—THE LARGEST COLLECTION—THE BEST SELECTION—THE BEST ATTENTION. Come see us.

THE MOORE SEED COMPANY

125 Market Street

Philadelphia, Pa.

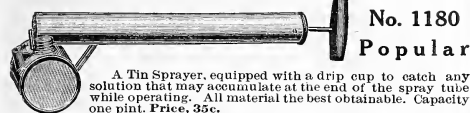
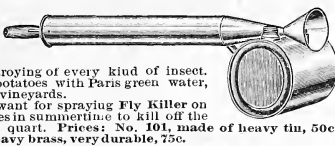
Special Poultry Sprayers and Atomizers

All made of the best material. Plunger rods of Steel and Cups of best Grade Leather.

No. 101 Standard

Throws a spray as fine as mist. Is adapted for the destroying of every kind of insect. Also in spraying potatoes with Paris green water, and in gardens and vineyards.

Just what you want for spraying Fly Killer on your cows and horses in summertime to kill off the flies. Capacity one quart. Prices: No. 101, made of heavy tin, 50c.; No. 102, made of heavy brass, very durable, 75c.



No. 1180 Popular

A Tin Sprayer, equipped with a drip cup to catch any solution that may accumulate at the end of the spray tube while operating. All material the best obtainable. Capacity one pint. Price, 35c.

No. 1200 Medium

Our No. 1120 Sprayer is a tin sprayer made along the same lines as our No. 1180 except smaller and is practical for all purposes. Capacity one pint. Price, 35c.

No. 1120 Continuous Sprayer

We highly recommend this type of sprayer. It is so constructed that it gives a uniform continuous spray for all spraying purposes. Will break up the solution in a very fine mist, making it very effective. Has an extra large spray nozzle. Capacity one quart. Price: All Welsh tin, \$1.00; all heavy sheet brass, quite indestructible, \$1.50.



No. 1080 Blow Powder Sprayer

This is fine for blowing any kind of insect killing or disinfectant powder on plants or in the poultry house, including lime, paris green, lead plaster, or pulverized lime. Capacity one quart, made of heavy IX tin. Price, 50c.



Practical Egg Tester

Our Practical Egg Tester is designed for use on an ordinary hand lamp, and fits over any style of burner with a diameter approximating that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price of X-RAY Egg Tester 25c. each, postpaid 35c.

NEW LOCK RIB WIRE HENS' NESTS



Heavy steel coppered wire. These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw. They are durable, sanitary, easily cleaned, convenient to handle and inexpensive. Each 15c., doz. \$1.50, 100 \$11.50.

EUREKA LOUSE AND MITE PROOF POULTRY PERCH



These will prevent lice and mites from obtaining access to the fowls through the medium of the roosts. Holes are bored in at the top of these supports large enough to allow the insulator to fit tight and deep enough to allow bottom of insulator bell to rest on square top of upright.

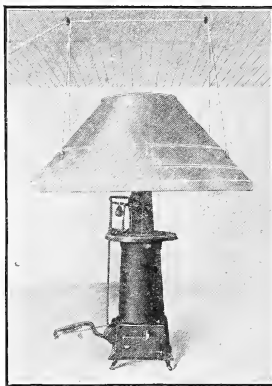
The cup is kept partially filled with Conkey's Liquid Lice Killer and kerosene oil, which traps and destroys the vermin.

The best paying investment that the poultry raiser can make.

Price: 15c. each or two for 25c.; dozen \$1.40; add 1c. each for postage.

THE IRON HEN

MacKay Colony Brooder



Burns Coal or Gas. Is self-regulating, with both Top and Bottom Drafts. The Original Brooder of its Type.

The MacKay is the original coal-burning, self-regulating Colony Brooder, the first put on the market and the one longest in use. IT IS THE ONLY BROODER OF ITS KIND PATENTED.

7 cents' worth of coal will operate it 24 hours.

Because it burns coal, the chicks and buildings are always safe from fire. And burning coal, instead of oil or gasoline, saves much in fuel expense as it costs only about 7 cents a day to operate the Iron Hen.

BROODS UP TO 1000 CHICKS IN ONE FLOCK.

The Iron Hen is made in three sizes, for brooding up to 1000 chicks in one flock, in one building with only one heater and coal fire to attend.

The \$18 MacKay Junior, for up to 300 chicks, is exactly the same in operation and regulation as the \$50, and \$53 sizes, having both top and bottom drafts that are automatically regulated.

No. 1 and 2 Models

No. 1—50-inch Deflector, \$33 f.o.b. factory is made of the same substance. No. 2—42-inch Deflector, \$30 f.o.b. factory stantial and lasting material.

You know that every stove you ever used had a bottom draft. A bottom draft is especially needed for brooding chicks.

When the weather suddenly changes colder, the wafer thermostat just above the chicks contracts, instantly opens up the bottom draft by raising the lower door below the fire, and also opens the top draft to the smoke-pipe by raising the upper check damper. This action compels a quick burning up of the fire and more heat much sooner than if there were only a top draft.

The chicks are insured the correct heat all the time with the MacKay Colony Brooder.

Its deflector need not be raised to put coal into the heater.

No Special Building Needed. The MacKay Colony Brooder requires no special building and no chimney. It can be put to use in any room or house suitable for chicks.

Special Gas Burner. A special valve and pilot light burner for gas are furnished for any of the three sizes of MacKay Colony Brooders. With the Burner are included deflectors that fit inside the heater and radiate all of the heat through the fire pot to the chicks, utilizing all of it. With these deflectors, there is a big saving in fuel. Price, \$5 additional.

The Iron Hen is fully guaranteed by the manufacturers and by us.

PRICES OF THE THREE MODELS

MACKAY JUNIOR	\$18.00
Broods up to 300 chicks, 40 inch deflector.	Weight, crated 125 lbs.
NO. 1. MODEL	\$33.00
Broods up to 1000 chicks, 50 inch deflector.	Weight, crated 206 lbs.
NO. 2. MODEL	\$30.00
Broods up to 500 chicks, 42 inch deflector.	Weight, crated 200 lbs.

The Eureka Colony Brooder Stove

SOLID CAST IRON

Two Sizes

There is nothing cheap about this stove except the price.

Duplex grate, which stirs up the fire when shaken, and cleans out absolutely.

No dampers in smoke pipe to throw back gas.

Fire regulated by thermostats, which open and close check draft on top of stove.

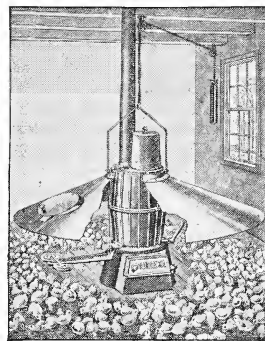
Magazine on top, which adds to the coal capacity and heating surface.

Bottom of ash pit has asbestos board insulation.

Ash-pit door hinged, which prevents breakage and being misapplied. The stove is self-regulating and requires absolutely no attention, except coaling once in 48 hours and raking once in 24 hours.

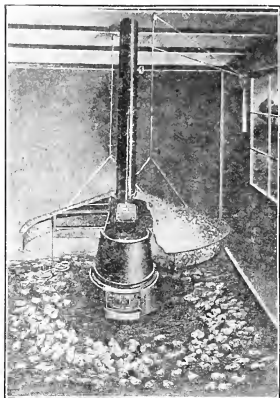
The hover is furnished with wire hook, to which poultry may be attached to raise hood.

Burns hard coal or natural gas, as ordered.



No. 1 will brood up to 50 chicks, diameter of hover 43 inches	Price, \$12.00
No. 2 will brood up to 1200 chicks, diameter of hover 52 inches	Price, \$15.00

IDEAL COLONY BROODER MARVEL COLONY BROODER



CONSTRUCTION

The IDEAL is all cast, there are no sheet metal flues or parts to rust. The grate is ANTI-CLINKER, Shaking and Dumping, with a draw control. The fire-pot is largest at the bottom, with grate nearly twelve inches in diameter, the ashes are dislodged without difficulty. The combustion is so perfect, a powerful heat is maintained with a slow burning fire. The draft is always direct; there are no drums or flues to become clogged with soot. It is a marvel of simplicity and efficiency.

ADJUSTABLE HOVER

The hover is made of heavy galvanized iron, is cone shaped to prevent the chicks alighting on it and deflects the heat towards the floor. It can be raised to the ceiling or any desired height and so evenly balanced with a weight a CHILD CAN OPERATE IT. The adjustability of the hover is a valuable feature, besides the

convenience, it avoids the necessity for getting down on the hands and knees to cleanse the fire or reaching through trap doors as with other devices.

CONVENIENCE

A few minutes' attention morning and evening is all that is required. The thirteen-inch fire pot holds sufficient coal to last through the entire night, without attention, in the coldest weather and on mild days or what may be termed ordinary brooding weather the fire will last more than twenty-four hours. It is not a self-feeder, we do not approve the magazine because when filled with coal, a deadly gas is emitted, fatal to chicks.

FUEL

We always recommend anthracite coal, Chestnut size or mixed with pea. Good results have been obtained with soft coal and in the west where it is plentiful lignite has proven quite satisfactory.

THE AUTOMATIC REGULATOR

is a double compound tandem thermostat, with a specially constructed damper, opening or closing it according to the temperature, and insures perfect control of the draft. The adjustment is so perfect it can be fixed to operate on any desired temperature.

PRICES

Outfit No. 1 including thermostat, height of heater 22 inches, hover diameter 42 inches.

PRICES WITH AUTOMATIC REGULATOR

Outfit No. 1 with heater 22 inches high and 42-inch hover, shipping weight 160 lbs., will brood 600 chicks, \$24.00.

Outfit No. 2 with heater 22 inches high and 60-inch hover, shipping weight 255 lbs., will brood up to 1,000 chicks, \$30.00.

Outfit No. 3 with heater 25 inches high and 42-inch hover, shipping weight 170 lbs., will brood up to 1,200 chicks, \$26.00.

Outfit No. 4 with heater 25 inches high and 60-inch hover, shipping weight 255 lbs., will brood up to 1,500 chicks, \$32.00.

Without automatic regulator, deduct \$5.00 from above prices.

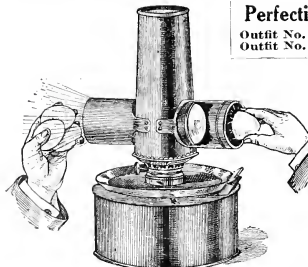
COMPLETENESS OF EQUIPMENT

Besides the heater, each outfit to the Ideal Colony Brooder contains the following:

The adjustable hover; four pulley and cords with hooks to suspend the hover; a balance weight; three joints of smoke pipe, one of which is fitted with a damper; a galvanized hood or shanty cap to keep out the rain; asbestos block to set under the heater; ash pan; fire shovel and thermometer; making the equipment complete and ready to set up. The packing and crating are carefully done, so that the outfit reaches the customer in good condition.

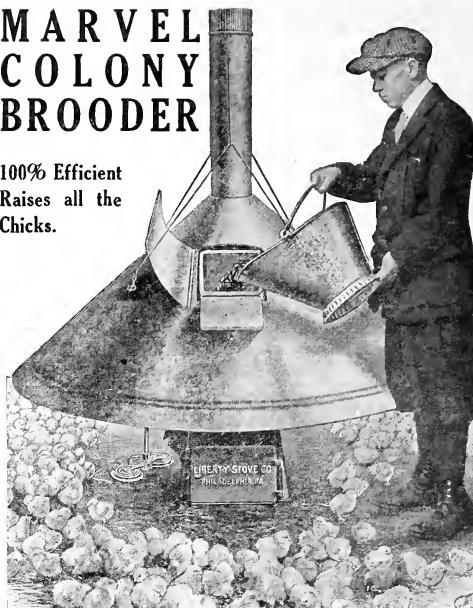
Perfection Colony Brooder

Outfit No. 1—40-inch Hover, \$12.75
Outfit No. 1—30-inch Hover, \$15.00



Perfect Bull's-Eye No. 2 Egg Tester
(Double on No. 1 Safety Lamp)

100% Efficient
Raises all the
Chicks.



THE WONDERFUL COLONY BROODER WITH POUCH SHUTE FEED

STRONG BIRDS FROM WEAK HATCHLINGS

Years of successful experience in the manufacture of Colony Hovers has enabled us to offer in the Marvel Coal Burning Brooder a device low in price, strictly up-to-the-minute, embodying nearly all the successful features in higher-priced outfits.

THE POUCH SHUTE FEED

Is the latest idea for conveniently feeding coal, and is a distinctive feature. The Pouch feed is quite as superior to the self-feed or magazine as the automobile is to the one-horse chaise.

THE FIRE POT

Will hold enough coal to keep the fire going 24 hours. A child can operate it and attend to the details.

THE HOVER

Is a 52-inch dome, made of galvanized iron, and is thoroughly substantial. It will comfortably take care of the largest flocks without crowding, and will just as easily brood 500 as a small flock of 50 or less.

THE AUTOMATIC REGULATOR

It can be depended upon to hold the temperature at any given point. The regulator is Chick Proof and cannot be put out of commission by a few prematurely ambitious chicks.

THE OPERATING EXPENSE

Is a trifling cost, a half bucket of coal will keep it going 24 hours at an actual expense of less than four cents per day. Compare this fuel cost with oil burners and other brooders—the difference will pay for a Marvel Colony Brooder outfit in a short time, besides YOU RAISE ALL THE CHICKS INTO BIGGER, BETTER BIRDS. Price \$16.00.

PERFECT BULL'S-EYE EGG TESTER

This is many times the best egg tester on the market. It is equipped with extra powerful bull's-eye lenses which throw a strong flash or searchlight which readily penetrates the darkest shell. Can be used to throw a strong light in your incubator day or night.

No. 2 DOUBLE EGG TESTER (see cut). It is equipped with two extra bull's-eye lenses, one on each side, which will throw a strong flash the same as a searchlight. Can test one or three eggs at one time by taking collar off testing tube, holding three eggs in hand. Two persons can test at one time—one on each side of testing tube. Only one lamp needed. By holding three eggs in front of testing tube the strong flashlight penetrates the shell and in a moment you can see if egg is good or not. Price without lamp, No. 3 burner \$1.75, with No. 1 Safety lamp \$3.50.

No. 1 PERFECT SINGLE EGG TESTER is the same in all respects as the No. 2, but it only has one bull's-eye light instead of two. Price, No. 3 burner, \$1.25 without lamp, with No. 1 Safety lamp and No. 3 burner, \$3.00.

POULTRY FOODS

ALL PRICES SUBJECT
TO MARKET CHANGES



High Grade Star Scratch Food

It is correctly prepared and composed of the best grain that can be procured, being all screened and particles of ground grain and dust taken out, leaving nothing but clean chopped grains. This food is mixed in proportion to make a well balanced food. It is a helpful ration and contains an attractive variety of grains that induce the flocks to eat.

to scratch the harder. It is just what the half-grown or full grown chickens need. A little of this food scattered in the litter will quickly start the dust flying, which means healthy fowls full of vigor and vitality, and a real basis for hatchable eggs. Prices: 5 lbs. 25c, 10 lbs. 40c., 50 lbs. \$1.40, 100 lbs. \$2.50.

Utility Scratch Food

(Composed of various clean grains and seeds. No grit. Put up in 10-lb. bags 50c., 50 lb. bags \$1.25, 100 lb. bags \$2.00.)

High Grade Star Chick Food

IT IS A HEALTH FOOD FOR LITTLE CHICKS, and with it you can RAISE EVERY CHICK HATCHED. It promotes health, quick growth and strong development. Especially valuable for raising chicks in winter and early spring. Contains more and better kinds of food than many foods at twice the price. It consists of even clean selected to produce strength and vigor in small chicks. STAR CHICK FOOD is not made from new grains. A great many of the different grains used in our foods are grown for two and three years in advance, thus giving our customers absolutely dry food, which is much nearer water free than if they were new seeds and grains. This means much more value of food to the pound. Prices: 5-lb. pkg. 25c., 25-lb. pkg. 90c., 50-lb. bag \$1.65, 100-lb. bag \$3.00, 500 lbs. \$14.00.

High Grade Star Developing Food

To make a mixture of grain for properly developing young chickens after they reach about six or eight weeks old is not understood by everybody. It requires, in the first place, a selection of the cleanest and sweetest grains that can be had and then to thoroughly understand the mixing of the same in the proper proportion to give a ration that will keep them in good condition and make large, healthy birds. STAR Developing Food is in this way specially prepared for the wants of the chicken raiser. Prices: 5 lbs. 25c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$12.50.

German Sugar Beet Pulp

A wonderful growing and laying food for poultry. It spells winter eggs. One pound of German Sugar Beet Pulp when soaked in water will produce approximately six quarts of water and a nutritious poultry food. It is a good plan to pour boiling water over the pulp several hours before using, adding a little salt. It can be fed dry if desired, we prefer it wet. It contains 6% to 7% of digestible protein and from 65% to 70% of digestible carbohydrates. It can be fed alone or mixed with our High Grade Star Egg Mash using, say 1/2 of the latter and 1/2 Sugar Beet Pulp. Its free use means good health, big egg production and quick growth. We advise feeding it especially during the winter months when very little green vegetable food is available. A very economical food. 5 lbs. 30c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00, 500 lbs. \$12.50.

Hall's High Protein Ground Beef Scraps

Specially Prepared Choice Meat for Poultry

This is specially prepared with great care. It is fresh and pure, being ground from perfectly healthy meat, and is shipped by us to all parts of the United States, principally to parties who are engaged in raising choice poultry and eggs for market. It is the finest thing we know of to cause hens to lay during the winter. It shows 50 to 60 percent protein. Feed three times a week, at the rate of about a handful to every three birds, in the morning meal or hot food. During warm weather feed once a week. As a duck food it has no equal. 10 lbs. 40c., 50 lbs. \$1.75, 100 lbs. \$3.50, 500 lbs. \$17.00, 1/2 ton \$33.50.

High Grade Mealed Alfalfa Clover

Mealed Clover is Shredded Clover reduced to a meal. It contains the entire product—stalks, leaves and blossoms. There is no waste in feeding. Prices: 5 lbs. 30c., 25 lbs. 90c., 50 lbs. 1.50, 100 lbs. \$2.50, 500 lbs. \$11.00.

All prices are subject to market changes.

High Grade Star Egg Mash

It is a food and not a medicine; inexpensive and highly profitable to those who must have eggs at the season when they sell the highest.

This consists of the meal that we get in grinding our grains, seeds and meats which we use in the other foods; so you see you are getting the same goods only in another form.

If you want to raise broilers or fat ducks, geese or turkeys, feed them all the High Grade Star Egg Mash they will eat. This being a hearty food, you will notice that your fowls do not eat as much as of other feeds. High Grade Star Egg Mash, properly used, means big egg production.

We do not advise the use of corn as it produces fat, not eggs. Prices: 5 lbs. 25c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

High Grade Star Pigeon Food

It will demonstrate its value by keeping them in a healthy, vigorous condition. Star Pigeon Food is made of the best quality of grains, seeds, etc., and is just what every pigeon fancier needs; that is, a mixed feed containing the right proportion of everything in it. Every particle is eaten readily and there is no waste. It keeps the old birds healthy and helps the young ones to grow strong and quick. For feeding show birds it cannot be beaten. It is mixed on the same general principle that controls all our feeds, that is—THE BEST THAT CAN BE MADE. Prices: 5 lbs. 35c., 10 lbs. 45c., 25 lbs. \$1.00, 50 lbs. \$2.25, 100 lbs. \$4.00.

Conkey's Buttermilk Starting Food

FOR BABY CHICKS

Here is just the food needed to give the little fellows the right start. The importance of right beginnings is realized by every poultryman. It is one thing to hatch your chicks, another thing to raise them. Mistakes the first few weeks often lead to total loss or else a permanent setback.

We can guarantee you thorough satisfaction with Conkey's STARTING FOOD for Baby Chicks. It is not a medicine, it is a balanced food with just enough medicine to tone the chick up. It is the ideal chick starter, as it contains just the right elements, all carefully proportioned and prepared, not too fine for best results in chick feeding. Conkey's Starting Food insures every chick a healthy start. Can be used right along up to 3 weeks old, with the addition of green food, animal food and grains in litter, for exercise, as directed. A little goes a long way. It gives your chicks the right start. Money back if results don't please you. Prices: per lb. 10c., 6 1/2 lbs. \$50., 14 lbs. \$1.00, 25 lb. bag \$1.65, 50 lb. bag \$3.25, 100 lbs. \$6.00, 500 lbs. \$32.00.



Chicgrain

RACKHAM'S FORMULA

is a perfectly balanced, semi-cooked partly-milled grain, insect and vegetable ration, easily digested and highly nutritious and can be used as the staple food from the very day the chick is hatched. It prevents and checks mortality. Bowel trouble is almost unknown where it is used, and it gives the chicks a start in life that makes them grow like weeds. Per pkg. 25c., 10 lbs. 70c., 25 lbs. \$1.35, 50 lbs. \$2.75, 100 lbs. \$5.00.

Spratt's Patent Chick Meal No. 5

Prepared strictly according to modern scientific methods, and is the result of careful and exhaustive experiments.

It has been demonstrated and is admitted by all experts that to rear birds successfully and bring them to the highest state of perfection, they must have while young, a cooked food, and their own diet must be carefully limited. This food is composed of cereals, meat, vegetables, bone and shell in judicious combination, and is also a substitute for insect life, in addition to its other advantages, and thereby reduces mortality to a minimum, saving ten times its cost and frequently the cream of the flock. Per pkg. 25c., 5 lbs. 45c., 10 lbs. 75c., 25 lbs. \$1.55, 50 lbs. \$3.00, 100 lbs. \$6.00.



FRESH HULED OATS

Hulled oats are unsurpassed for noon or night feeding; having much nutrition, and are absolutely clean, without foreign impurities. They are especially for growing ducks; being small, they can easily be eaten, and thus, grain food, reducing mortality to a minimum. It is a true health food, greatly relished, exceedingly nutritious, easily digested; prevents bowel troubles. Prices: 5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.50, 100 lbs. \$5.00.

Fresh Pin Head Oats for Little Chicks

This is a valuable well-balanced ration for the small chick just hatched and up to about six weeks old and undoubtedly the best and cheapest dry grain food, reducing mortality to a minimum. It is a true health food, greatly relished, exceedingly nutritious, easily digested; prevents bowel troubles. Prices: 5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.50, 100 lbs. \$5.00.

Linseed or Crushed Flaxseed Meal

A little of this meal occasionally mixed with soft feed will prove a great benefit, especially if a rich, glossy plumage is desired for conditioning choice birds for exhibition. Prices: 2 lbs. 25c., 5 lbs. 50c., 25 lbs. \$2.00.

Linseed Cake Meal (New Process)

A little of this meal regularly mixed with soft feed will prove a great benefit during the moulting period, especially if a rich, glossy plumage is desired. 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.15, 50 lbs. \$1.85, 100 lbs. \$4.50.

Popular Brand Scratch Food

A well prepared Scratch Food mixed in proper proportion to give good results. No grit. Prices: 100 lbs. \$3.20, 1000 lbs. \$21.00, ton \$40.00.

pratts

Baby Chick Food

A Scientific Ration for the Successful
Raising of Young ChicksIs the Secret of How to Raise
Baby Chicks Without Loss

THE PERFECT CHICK FOOD

Pratts Baby Chick Food is nature's food, carefully combined in just such quantities as are best suited to the needs of the newly-hatched young-
sters, whether they are to be raised artificially or otherwise. It contains
muscle and bone builders with mild digestive tonics, together with the
alternatives necessary to prevent intestinal disorders, overcoming any
tendency to White Diarrhea.

Altogether it is the poultry raiser's insurance against loss—a profit-
maker in successfully raising the greatest number of future producers.
Try it, if you are not satisfied, and we have said this to many, many
thousands in the past season, remember our guarantee.

Pratts Baby Chick Food is put up in the following sizes:

1-lb. package.....	\$0.10	25 pounds.....	\$1.65
3-lb. package.....	.25	50 pounds.....	3.00
6½-lb. package.....	.50	100 pounds.....	5.75
14-lb. bag.....	1.00		

PRATTS LIQUID LICE KILLER

For the destruction of poultry lice and lice on horses, cattle, cows and
hogs; ticks on sheep, and fleas on cats and dogs. It is invaluable for
household use, for cleaning and disinfecting drains, sinks, soil pails,
cellars, stables and outhouses. Qt. 35c, ½ gal. 60c., 1 gal. \$1.00.

PRATTS LICE KILLER

(Powdered Form)

It quickly and thoroughly kills all lice on little chicks, big chicks,
sitting hens, and incubator chicks. It kills horses, cattle, hogs, dogs and
cats of lice, and destroys ticks on sheep. It is a valuable deodorizer and
disinfectant, and should be used in all poultry houses, barns, stables and
dwellings. It also drives out moths and bugs from closets, furniture,
carpets and clothing. Prices: 5 oz. 10c., 16 oz. 25c. (by mail, postpaid,
80c.), 40 oz. 50c.

HOW TO MAKE \$1.50

Next time you need Pratts Poultry regulator get a 25-pound pail
and save \$1.50. The price is 6 cents per pound less than in the smaller
packages. This is a saving of \$1.50 on every 25-pound pail.

How to Make 67 Cents

You can save 67 cents by buying in 12-pound pails, and if you keep
but 50 chickens, it will pay you to use a 12-pound pail.

PRATTS GERM-A-THOL

is the greatest household disinfectant, deodorizer, detergent (cleaner),
insecticide, bactericide, and antiseptic ever produced, and will positively
destroy all germ life in stables, poultry houses, and other buildings,
utensils, etc. Kills bacteria and removes all bad odors—especially adapted
for domestic medicinal and all disinfecting purposes. 25c., 50c., and
\$1.00 bottles. Not available.

PRATTS SCALY LEGS REMEDY

Do not have repulsive looking, uncomfortable, scaly legged chickens
when it is so easy to apply a little of Pratts Scaly Leg Ointment and rid
them of this disgusting disease.

The irritation caused by scaly leg will eventually decrease the egg yield
and infect the entire flock. Prices: small box 25c., postpaid 28c.; large
box 50c., postpaid 55c.

Pratts Chicken Pox and Sore Head Remedy

Remember that chicken pox, unless controlled, is one of the most
serious, and fatal of poultry diseases; serious because it stops egg produc-
tion. Pratts Sore Head and Chicken Pox Remedy is certain and sure in
its action and very profitable to use. Prices: small box 25c., postpaid
28c.; medium box 50c., postpaid 55c.; large box \$1.00, postpaid \$1.10.

PRATTS POULTRY DISINFECTANT

will protect your birds from nearly all the serious germ diseases. It gets
rid of lice and mites, prevents roup, cholera, gapes, scaly leg and a host of
other trouble makers. Wonderfully effective in ridding cattle, horses,
hogs, sheep and dogs of parasites and disease bacteria.

Large poultry planters and small plans to spray with Pratts Disinfectant
once a week. Keeps poultry houses, roosts, nests, fountains and
runs, in fact, every portion of buildings and equipment clean and healthy.
1 qt. 35c., ½ gal. 60c., 1 gal. \$1.00.

PRATTS CONDITION TABLETS

For Show Birds

"Doing the shows" is hard on poultry. If you want to keep your show
birds in blue ribbon condition—and, in fact, it is good for the whole flock.

Bracing in their effect. Build up without overstimulating. No re-
sultion. For putting in flesh, preventing colds and similar trouble they
are absolutely guaranteed or money back. 25c. and 50c., postpaid.



PRATTS GAPE REMEDY

An unfailing guaranteed remedy for Gapes. If used in the drinking
water from the start, until the chicks are four weeks old, gapes will be
practically unknown. Price, regular pkg. 25c., large pkg. 50c.; post-
paid upon receipt of price.

PRATTS CHOLERA REMEDY

Cholera can be quickly cured by the use of Pratts Cholera Remedy;
satisfaction guaranteed or money refunded. Also invaluable for sour
crop, indigestion and bowel troubles. Regular size 25c., large size 50c.
Mailed postpaid 28c. and 56c.

PRATTS ROUP CURE

(Pills or Powder)

It is a fine powder, and, mixed with water, is absorbed by the blood
at once, purifying the system, allaying inflammation and reducing the fever.
A 25c. package makes 15 gallons of roup medicine, and a 50c. box makes
35 gallons. Its cost is so reasonable that no poultryman can afford to be
without it. It not only cures, but prevents roup, cholera, cancer, catarrh
and diptheria, and should be given to all fowls frequently to keep
diseases away. Remember a roup hen never lays. Price, regular size
25c., large sizes 50c. and \$1.00 a box, postpaid.

PRATTS POULTRY REGULATOR

THIRTY HENS AT A CENT A DAY

Just think of keeping your flocks healthy and laying at a cost of a cent
a day for thirty birds. That is all it costs to feed Pratts Poultry Regulator.
The wonder is that you would think of doing without it.

Steady Layers

Hens that are busy in season and out
are the money-makers. By keeping the
digestive organs in perfect condition

Pratts POULTRY
REGULATOR

insures healthy food and materially
increases the productivity of your
poultry. It is guaranteed to increase
the egg crop or you can have your
money back.

Pratts Poultry Regulator
overcomes the difficulties
met by every poultryman
by regulating the blood,
bowels and digestive organs
of all fowls. Thus it keeps
the birds in robust health,
produces good, rich blood,
healthy fat, sturdy muscles,
strong bones, red combs and
wattles, brilliant feathers
and fertile eggs. It stands
unrivaled as an egg pro-
ducer, and when regularly
used, the hens lay through-
out the year, excepting
during moulting time.
Price, 8-oz. pkg. 10c., 25-
oz. pkg. 25c., 48-oz. pkg.
50c., 12-lb. pails \$1.25,
25-lb. pails \$2.50, 50-lb.
sack \$5.00, 100-lb. sack
\$9.50.

PRATTS WHITE DIARRHOEA REMEDY

This remedy will positively cure this deadly disease and save many
dollars' worth of little chicks to poultry raisers. 25c. and 50c. a box by
mail, postpaid 28c. and 58c.

PRATTS HEAD LICE OINTMENT

causes immediate death to the Head Lice which kill so many thousands
of little chicks yearly. Head Lice and the chicken's lice are the most
common and serious pests of poultry. In weakened condition easily contracts many other diseases. Sold in 10c.
and 25c. tins. Small tin 13c., postpaid; large tin 28c., postpaid.

LAMBERT'S "DEATH TO LICE"

Lambert's preparations for this purpose are standard, reliable goods,
well-known and largely used by the best poultrymen the country over.
Always banded and accented with red and green. Sold according to directions.
Prices: 5-oz. box, trial size 10c., postpaid 15c.; 25-oz. box 25c., postpaid
40c.; 48-oz. box 50c., postpaid \$1.00; 100-oz. pkg. \$1.00, express
paid \$2.00.

LAMBERT'S "DEATH TO LICE" OINTMENT. For head lice on
grown and little chicks. Harmless and efficient. 1-oz. size 10c., post-
paid 13c.; 3 oz. size 25c., postpaid 27c.

SHERIDAN'S POWDER MAKES HENS LAY

No matter what kind of feed you use, mix with it daily Sheridan's
Powder. It assures perfect assimilation of the food elements needed to
produce health and form eggs, is absolutely pure and a highly concentrated
medicine. Strictly a medicine to be given in the food, once daily,
in small doses. Prevents and cures all diseases of hens. Worth its weight
in gold when hens are moulting, and to keep them healthy. Price small
pkg. 15c., 2-lb. pkg. 75c.; 6 large pkgs. by express \$4.00.

Dr. Hess Poultry Preparations

Dr. Hess Poultry Pan-a-cea

Dr. Hess claims this to be the greatest known poultry tonic and egg
producer for chickens, turkeys, ducks and geese. It tones up the dormant
egg organs, overcomes the debilitating influence of moulting and compels
every hen to put her share of eggs into the market basket. It cures Gapes,
Cholera, Indigestion, and the like. Price, ½-lb. pkg. 25c., 5-lb. pkg.
60c., 12-lb. pkg. \$1.25.

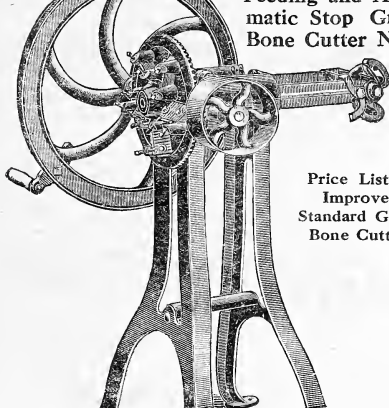
Dr. Hess Instant Louse Killer

It is put up in shaker top cans and is easily sprinkled into feathers,
over the roosts and into the dust bath, where the hens can free themselves
of lice. This powder also destroys lice on horses and cattle, bugs on
cucumber, squash and melon vines, cabbage worms, slugs on rose bushes,
etc. 1-lb. pkg. 25c., 3-lb. can 60c.

The Improved Standard Green Bone-Cutter with Automatic Feed and Automatic Stop

If you are in want of a first-class bone-cutter, and economy, quality, capacity, ease and rapidity of operation are features worthy of consideration, we invite a careful inspection of the Standard Green Bone Cutters. The cutters are so constructed that they will readily cut green bone, gristle, and even shaws, direct from the butcher. The bone is forced endwise against the knives, which cut across the grain of the bone, thereby producing a much finer clipping than it is possible to obtain in all other less modern machines. They have automatic feed and automatic stop. They excel all other bone cutters wherever placed in competition. They excel in durability, ease of running, fast cutting and are low in price.

Standard Automatic Feeding and Automatic Stop Green Bone Cutter No. 1

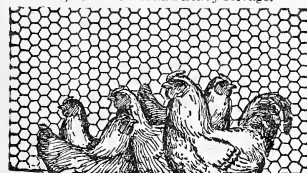


Price List of Improved Standard Green Bone Cutters

No. 10, hand, with crank handle, 25 lbs. per hour.....	\$6.50
No. 8, hand, with balance wheel, 30 lbs. per hour.....	8.50
No. 8, hand, with legs and balance wheel, 30 lbs. per hour.....	10.50
No. 7, hand, with balance wheel, 40 lbs. per hour.....	14.50
No. 6, hand, with balance wheel, 40 lbs. per hour.....	15.50
No. 3, with balance wheel or pulley for power, 50 lbs. per hour.....	17.25
No. 4, with double hand, balance wheel for hand, 55 lbs. per hour.....	19.00
No. 2, for power, 200 lbs. per hour.....	27.50
No. 1, with pulley and hand balance wheel for hand or power or 200 lbs. per hour.....	29.00

Galvanized Poultry Netting

Sold in bales of 150 running feet. If less quantity, add a quarter cent per square foot to the price. All our poultry netting is made of best quality steel wire, double twist and heavy selvage.



Price of Poultry Netting subject to Market Changes

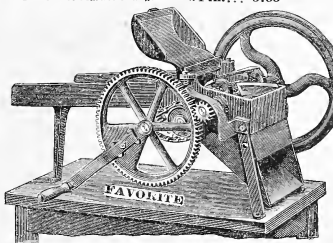
PRICES, TWO INCH MESH WIDTH	
12 in.	\$1.63 per bale
18 in.	2.30 " "
24 in.	2.80 " "
36 in.	4.00 " "
48 in.	5.15 " "
60 in.	6.35 " "
72 in.	7.50 " "
PRICES, ONE INCH MESH WIDTH	
12 in.	\$3.10 per bale
18 in.	4.35 " "
24 in.	5.65 " "

The Rapid Clover Cutter

This cutter is made in convenient size for use on bench or table. It is self-feeding and self-sharpening. Cuts clover very rapidly, and is run with little effort. Eight cuts to each revolution. Price, \$3.00.

Favorite Clover Cutter

Cuts any kind of hay or clover, either dry or green, and more rapidly than any other. Every revolution of the balance wheel produces twelve cuts, which is four times as fast as the ordinary clover cutter. All dangerous parts are enclosed, so that children will run no risk in using it. It is strongly built. Workmanship first-class in every particular, will last for years without repairs. Price, 8-in. knife, weight 60 lbs., \$12.00.



Bass Spraying and Whitewashing Pump

With one of these machines any poultry house or stable can be kept sweet, and free from all vermin with but little expense. Also useful for applying insecticides to trees, shrubs, vegetable and flowering plants. Has an agitator that keeps the liquid constantly stirred. Very durable and simple in construction. Also makes a good bilge water pump for boats. Nothing to get out of order. Will last many years with care. No. 1, Practical; price, \$2.75; No. 2, \$3.00; No. 3, \$4.50.

No. 3 B. Designed for whitewashing and spraying or painting very large buildings, factories, poultry and pigeon plants. We recommend this very highly. Complete with 8-foot hose, extension pipe, stop cock and spraying nozzle, \$12.00; No. 4 B, \$18.00.



Black Hawk Hand Grinding Mill

For farm and family use. Persons living remote from mills find it a very hard matter to secure cornmeal and graham flour. No longer doubt that a good hand grist mill is a paying investment. We honestly believe

that the Black Hawk Hand Grist Mill is the best hand grinder made. The length of the crank makes the mill easy to turn and it is a mistake to think that a fly wheel can add power or make it run lighter. But the low price is not its greatest advantage. The Black Hawk Hand Grinder will soon pay for itself, and if it cost double, it would be a good investment. One may grind a large quantity of grain without becoming tired. There is never any clogging or jerking, but a smooth, steady, easy turn.



Grinds Wheat into Graham Flour or will crack it for breakfast foods. Grinds rice into flour (excellent for hot cakes).

Cracks peas for soups; grinds beans; grinds coffee; grinds spices; grinds salt; grinds sugar; makes buckwheat flour.

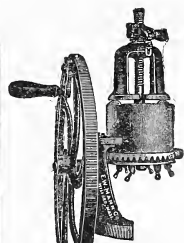
For poultry raisers. For people who keep poultry the Black Hawk Hand Grinder has a double value. It has been thoroughly proven by our poultry experts that cracked grain is much more valuable than whole grain for feeding to fowls. The birds digest it better, they get more good out of it with less effort on their part.

Let us send you a Black Hawk Hand Mill now. The sooner you get it the sooner it will pay for itself. Weight of mill 17 lbs. Price, complete, \$3.00. Extra grinders, per pair, 50c. Tennessee Grinding Mill, \$2.25.

Mann's Latest Model Bone Cutters

PRICE LIST

No. 5C, with Crank Handle.....	\$6.00
No. 5B, with Balance Wheel.....	8.00
No. 3BM, Balance Wheel and Staud 10.40	
No. 7, with Balance Wheel.....	12.00
No. 7½, Semi-power Machine.....	12.00
No. 9, Standard Bone Cutter.....	18.40
No. 11, Combination Power Cutter.....	26.00
No. 12, Small Power Cutter.....	30.00
No. 13, Large Power Cutter.....	60.00
No. 14, Large Power Cutter.....	76.00
Mann's Clover Cutter, with Legs.....	10.00
Mann's Clover Cutter, without Legs.....	8.00



No. 5B

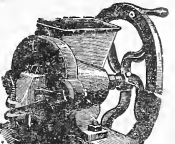
Banner Vegetable and Root Cutters

They make possible the feeding of green and succulent food in the dead of winter, when every spear of grass and green thing is killed by frost. The feeding of vegetables thus prepared doubles the egg product and saves fully 50 per cent. of the grain feed. It makes hens lay in winter when eggs are worth the most money. Endorsed by all leading poultrymen of the country. Buy one and make money from your fowls this winter. Will cut one bushel in five minutes. \$5.00.



Poultrymen's Bone and Shell or Feed Mill

This mill is adapted for grinding dry oyster shells, dry bones, corn meal, etc. It is the only mill that will grind dry stale bread satisfactorily. The mill is not only the most durable and best made, but the cheapest, because it is the fastest grinder, can easily be set to grind coarse or fine. Every mill is guaranteed to be exactly as represented, or the purchase money will be refunded. Price, No. 1 \$4.00, No. 2 \$4.50, No. 3 \$5.00.



Bone and Shell Mill

Things every Farmer or Stockman ought to have about Horses, Cows and Hogs

PRATTS HEALING OINTMENT

(For Man or Beast)

This is the most humane preparation ever produced for the quick and thorough cure of all sores, cuts, scratches, grease wounds, burns, scalds, corns, harness and saddle galls, barbed-wire fence cuts, itching of the skin, eczema and eruptions of any kind. Heals naturally, permanently and leaves no dangerous sores. *Excellent for human use too.* Medium box 25c. (by mail, postpaid, 30c.), large box 50c., postpaid 60c.

CONKEY'S HEALING POWDER

Wonderfully effective in the treatment of poultry suffering from Prolapsus of the Oviduct, Bumble Foot and Wind Puffs. This is THE WONDERFUL GALL REMEDY and is the most perfect healing agent known to medical and veterinary science. It is an antiseptic, antiputrescent and germicide, and is very simple to apply. For Galls, Sore Bumps and Necks, Broken Knees, Proud Flesh, Running Sores and Open Wounds. It is also excellent for Chafes, Cracked Heels, and where skin is unbroken. It is also a remarkable remedy for Thumps, Spasms and Dropsies in the Canker in dogs' ears, etc. It is the most scientific preparation ever discovered for use after surgical operations, such as Castrating and Dehorning. A wonderful preventive and cure for Hobbie Chafes, and excellent for all sores on human beings. Price, 50c. postpaid.

Help Your Horse

to do his work. It is easy to keep horses in prime condition, robust and full of vigor with

PRATTS ANIMAL REGULATOR

the world's greatest conditioner for all kinds of stock. It regulates the bowels, improves digestion, prevents disease and saves feed. Every ounce of food is thoroughly digested.

HIGHLY CONCENTRATED—THE ADMITTED GRAIN-SAVER

Veterinary surgeons, professional breeders and scientific farmers everywhere require and prize its use.

Pratts Animal Regulator is a regulator, digestive and mild tonic. The ingredients consist of pure medicinal roots, herbs and barks, carefully blended in the exact proportions necessary to gently but surely act on the blood, bowels, liver and digestive organs of horses, cows, sheep and hogs. It causes perfect digestion. The worst run-down animal can be given Pratts Animal Regulator according to directions, and an improvement will be seen almost at once.

Horses are kept well and strong, their wind improved, and their coat will be sleek and glossy.

Cows give more and richer milk, the percentage of butter fat being always increased, and their calves are strong and healthy. Steers fatten in half the time.

Hogs are raised and fattened quickly and kept free from disease. Sheep are kept healthy, and their meat and wool improved by its use. Prices: Pkg. 25c., 50c. and \$1.00, 12-lb. pails \$2.00, 25-lb. pails \$3.50, 12-lb. sack \$1.75, 25-lb. sack \$3.25, 50-lb. sack \$6.00, 100 lb. sack \$11.00.

PRATTS LIQUID SPAVIN REMEDY

Cures lameness, rheumatism, neuralgia, felons, chilblains, burns, sore throat, dislocated joints, and any lameness or pain, all kinds of spavin can be cured. In 50c. and \$1.00 bottles.

PRATTS PEEPER'S HOOF OINTMENT

absolutely prevents and cures tender feet, corns, contracted feet, scratches, quarter cracks, seedy toe, punice foot, founder, sand and toe cracks, brittle hoofs, and impaired frog. It is the surest and quickest cure ever made—softens and toughens tender feet like magic. Corns yield to it at once. Box 25c. (by mail, postpaid, 30c.), large box 50c., by mail 60c.

PRATTS BAG OINTMENT

Makes easy milkers. Milking troubles due to caked bag, sore teats, bunches and any kind of inflammation quickly reduced and cured.

Its penetrating, softening and cooling qualities give immediate relief. Use it freely for all inflammations of the udder, caused by blows or kicks or from being overdistended with milk, when delay may destroy the cow's value as a milker. Satisfaction guaranteed or money back. In boxes, 25c. and 50c.

Save Your Chickens—Save Your Feed

Rat Corn



Will exterminate Rats and Mice in a safe, sane and sanitary manner with little cost. It is worth many times its price and saves poultrymen thousands of dollars annually.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects. Harmless to other animals. Price, 25c., 50c. and \$1.00 per can; 6-lb. pail, \$5.00, express prepaid.

PRATTS ANIMAL DIP AND DISINFECTANT



has received the U. S. Government rating for sheep scab (1 part Dip to 70 parts water). Cures sheep of ticks, footrot and other diseases; cures cattle of mange, ringworm, scabies, ticks, screw worms, warbles, etc.; cures horses of mange, ticks, lice, ringworm, thrush, galls, sores, cuts, wounds, etc.; cures hogs of cholera, mange, lice, eczema, fly and maggot; cures dogs of fleas, lice, mange, cuts, ulcers, etc. \$1.00 per gallon.

PRATTS COW TONIC

FOR COWS ONLY

enables the cow to turn more of the feed into milk and keep up the full flow to a much later time. It prevents sinking and is a positive remedy for scours, barrenness, and a host of other cow diseases.

PREVENTS AND CURES ABORTION

Sinking or abortion causes thousands of dollars in losses every year—loss in milk, cows and calves and danger of infection in the herd, because abortion is dangerously contagious. Pratts Cow Tonic is guaranteed to cure abortion. It is a pure compound of Nature's healing herbs and remedies, and is absolutely free from such poisons as arsenic, antimony and similar powerful mineral drugs. 25-lb. pail \$3.50, 12-lb. pail \$2.00, 3-lb. pkg. 50c.; parcel post weight, 3 lbs.

COAL-TAR ZENOLEUM DISINFECTANT-DIP

is the standard remedy for live stock diseases.

Qt. 50c., gal. \$1.50, 5 gal. \$6.50.

Cures Diseases of Animals

You want Zenoleum always handy if you own cattle, sheep or hogs. It kills lice, cures mange, itch, scours, sores. Use it in your barns, pens or stalls. It kills and cures 100 gallons disinfectant. Dip or spray.

PRATTS LINIMENT

(For Man or Beast)

Can be used either to blister or without blistering, by regulating the application. Cures rheumatism, lameness, sprains, bruises, contracted muscles, shoulder or stiffl lameness, thrush or canker, cockle joints, swellings, kicks, sore throat, quinsy, carb, splint, capped hocks, shoe boils, pneumonia and inflammation of the lungs. Sold in 25c., 50c. and \$1.00 bottles.

Pratts Heave, Cough and Cold Cure

is a positive remedy for heaves, coughs, colds and catarrh. A single day's treatment helps the worst cases. Smaller doses show a vast improvement, and in a few days the cough will stop and the breathing be natural. A "heavy" horse is worthless. Pratts Heave Cure makes him valuable. Small box 50c. (by mail, postpaid, 70c.), large box \$1.00.

PRATTS HOG CHOLERA SPECIFIC

Don't worry—hog cholera need not break out in your pens. You can prevent this death-dealing disease by using Pratts Hog Cholera Specific.

It is guaranteed to cure if the disease has appeared, unless the hog is too far gone to be benefited by any remedy. A strictly pure remedy, free from all poisonous or injurious substances. 3 lbs. 50c., 12-lb. pail \$2.00, 25-lb. pail \$3.50.

PRATTS WORM POWDER

is a special preparation for the destruction of all kinds of worms in horses, cows, and sheep. It is purely vegetable, has a strong tonic effect, that builds and helps the animal to regain strength, and is unquestionably the quickest, surest and most thorough worm-destroyer procurable. Box 50c. (by mail, postpaid, 60c.).

SOW FORCEPS



Every farmer or pig breeder should have a pair of these sow forceps. When a sow needs help she needs it quickly; by one sow saved the forceps are more than paid for. Full directions with each pair sent prepaid on receipt of price, \$3.00. By mail postpaid, \$3.15.

MILKING TUBES

For sore and obstructed teats and hard milking cows.

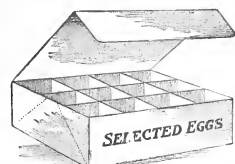


This tube is made in three sizes, and should be in the hands of every cow owner. Coin silver plated, 2-in. 35c., 3-in. 30c., 4-in. 35c.

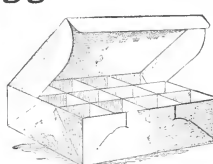


Pratts Hog Worm Powder

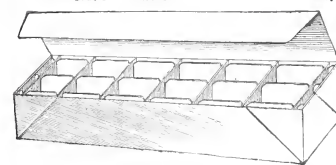
Only for hogs, and is guaranteed to rid hogs of worms, or money back. The worms simply cannot exist when our powder is given. Use the powder to prevent worms. In packages, 50c. (parcel post weight 2 lbs.), and \$1.00 (parcel post weight 4 lbs.).



No. 1. Practical



No. 2. Square



No. 3, Long

No. 4. Eureka

shaped in our No. 3 Long and No. 4 Eureka. In our No. 2 square and No. 5 Quaker City no eggs can fall out of the ends, in fact they cannot get out when once packed. Putting eggs in paper sacks is fast becoming a thing of the past. The reason for this is that the farmer is getting more for his eggs in **Perfection Egg Cartons** if he wishes to please his customers, increase his trade, save eggs and make money. Eggs in our **Perfection** cartons are safe from breakage and are more attractive than eggs in paper bags. You thus increase your profits both ways. There is not another article sold that the public uses more often and is half so particular about as eggs. Eggs in **Perfection** cartons are sold in all the best markets in an attractive way secure high prices and ready sale. **Perfection Egg Cartons** are sanitary, attractive, labor savers and money makers for those who use them. They are the best thing you can do for your eggs. Our No. 3 Long and No. 4 Eureka Cartons can be packed 30 to the regular egg case or our Poultry Friend Egg Carrier, affording double protection and saving considerable labor. Eggs in **Perfection** cartons are the best for your business. They will help you sell other goods and your customers will come back for more eggs. No. 4 Eureka is made of extra heavy cardboard and is the most durable of any kind. It is the best for the market. White shelled eggs especially attractive. It is the best carton made.

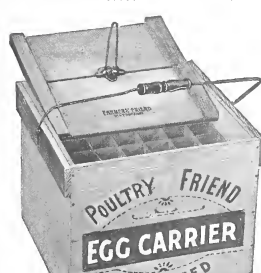
All our cartons are tastefully and elegantly printed with our specially designed and attractive wording.

In lots of 1,000 or more we will print without charge your own special brand, wording and name and address on three sides. Special printing of this kind will greatly increase your egg sales. Any further information will be cheerfully given. We are headquarters for the best in this line.

PRICE LIST

Order by number. 250 cartons will be supplied at the 500 price.

	Doz.	100	500	1,000	5,000
No. 1 Practical.....	\$0.15	\$1.10	\$5.00	\$9.50	\$45.00
No. 2 Square.....	.18	1.30	5.50	10.50	50.00
No. 3 Long.....	.20	1.35	5.50	10.50	50.00
No. 4 Eureka.....	.25	1.50	7.00	14.00	69.00



*Poultry Friend
Safety Egg Carrier*

This egg carrier pleases all who use it. It is especially well adapted for shipping eggs by parcel post, express or by wagon or hand delivery. No special fillers required. Our No. 3 long or No. 4 Eureka Cartons will fit all 4 sizes if you do not wish to use fillers that go with the carrier. They are cheap, convenient, safe and durable; and just what every egg producer ought to have. Price, with regular fillers:

	Each	Doz.
6 doz.	\$0.75	\$8.25
9 " .....	.90	9.90
12 "	1.10	12.00
15 "	1.25	14.00

Perfection Parcel Post Hatching Egg Shipping Boxes

These boxes are as well adapted for shipping by express as by parcel post. The walls of the box are of double thickness to give it the greatest possible strength to withstand careless handling.

PRICE LIST

Prices include gummed label for each box. An extra

charge is made for 1/2 doz. lots	
HATCHING EGGS	
Capacity of Box	Per Doz., 1 dozen lot
15 eggs	\$1.50
30 "	2.00
50 "	3.50
100 "	6.75

[illegible]

Ridgewood Farm Thoroughbred Large English Berkshire Hogs

The Name, Ridgewood Farm, Implies Superlative Quality in Large English Berkshires—
The Standard High-Class Hog

In size, the English Berkshire ranks as medium to large. Some specimens have been exhibited which weighed as much as 1,000 pounds. Lord Premier 5000 at 7 months weighed 890 lbs.; King Lee 2700 at 10 months weighed 420 lbs., while the renowned Longfellow 16635 at 17 months weighed 726 pounds.

A 6 months' pig, if raised under proper conditions and given proper attention, should weigh 175 pounds; a year old pig should weigh 300 pounds, and a mature boar in breeding condition should weigh 500 pounds, and the sows 400 pounds.

Yield of Milk by Sows of Different Breeds.

BREED	Av. weight per sow lbs.	Av. No. milk litter	Av. daily yield	Av. total yield
Large English Berkshire.....	380	7.7	6.3	532
Poland China	355	7.5	4.9	429
Texas Razorback	217	6.3	5.2	334

These figures show that the English Berkshire sow excels in the amount of milk and also in the percent. of butter fat in the milk. This is very favorable for the raising of large litters, and also results in fewer "runts" being formed, which are very undesirable as well as unprofitable. A liberal amount of milk for all the offspring enables them to get a good start in life and make a good growth before being put on dry feed, thus making a rapid gain at the least possible expense. Incidentally, this table also shows that the Berkshire excels in the size of the litter produced.

In 1914 the public sales of English Berkshires held numbered forty-three and including 1,4 0 head that sold for a total of \$158,069.50, making the surprising average of \$112.10 per head.

Our Ridgewood Farm Stock has always been and always will be in the live-stock business breeding and shipping as largely as we do, spend so little in advertising. A pair of pigs or a trio of chickens sent to a neighborhood is at once a standing advertisement of the superior excellence of our stock, bringing us frequently any number of other orders; so that we have not only made shipments to all parts of the United States but also exported a large number of animals to the West Indies, Europe, etc. These are the large rapid-growing kind—175 to 200 pounds in six months. These are Ridgewood Farm Berkshires of quality, the great money-making kind with a guarantee on every animal. This famous breed of pigs is receiving deep interest from millionaires and men who have immense farms as well as all well-to-do farmers who are growing for big profits and home use. We have for many years made this breed a specialty, and consider that we ship specimens that are unsurpassed. With every pig sent out from our establishment goes a certified registered pedigree.

Large English Berkshire Barrows

Capture 6 of the 7 Prizes, All Breeds, Grades and Crosses Competing, at the International Live-Stock Exposition

At the International Live-Stock Exposition, held at Chicago, Ill. November 28th to December 10th, Berkshires were awarded the following premiums:

1. Champion Barrow of the show, over all breeds, grades and crosses.
2. Champion Pen of 3 Barrows, over all breeds, grades and crosses.
3. First on carload, 350 lbs. or over.
4. First on carload, 240 lbs. and under 350.
5. First on carload, 200 lbs. and under 250.
6. Grand Championship carload.

As to Ridgewood Farm Berkshires No breed of hogs is so popular to-day as our extra quality, high-class, magnificent Large English Berkshire Ridgewood Farm Type—the best sired by Queen's Emblem 20686, Rival's Emblem 16700, Handsome Lee 9147, Lee's Artful Premier 3d, Longfellow's Duke 3d, Optimus Sylvia 15655, sire, Optimus 13543; dam Masterpiece Silvia 151928. Superb May Queen 30552, sire Superbus 13600; dam Baronette by Masterpiece 7000, out of Miss Baron Duke 50th 2d 12624. Miss Hope 2d 20976, sired by Rival's Emblem 16700, by Rival's Last 12000; dam Hopeful Mistresspiece 6th 17700, by Masterpiece 7000. Masters Charming Lady 20970 (with litter by Superbus 13600), sire Charmers' St or Master 16573; dam Dukes Lady Combine 18th 18881.



The Herd Boar, Queen's Emblem 209699, of Ridgewood Farm

You are Cordially Invited to inspect Ridgewood Farm Large English Berkshire stock and breeding pens at any time during business hours.

Our Stock has always been and always will be our best advertisement. Few, if any, in the live-stock business, shipping as largely as we do, spend so little in advertising. A pair of pigs or a trio of chickens sent to a neighborhood is at once a standing advertisement of the superior excellence of our stock, bringing us frequently any number of other orders; so that we have not only made shipments to all parts of the United States but also exported a large number of animals to the West Indies, Europe, etc.

Guarantee. We guarantee all stock shipped to be strictly first-class and as represented and to arrive safely. Will box pigs as comfortably, but at the same time as lightly as possible, and will supply with food for the journey at prices named. Get a pair of pigs and you can make big money out of the investment by selling the pigs for breeders.

Price: Single Pig (8 to 10 weeks old), either sex, \$15.00; pair, boar and sow, not akin, \$29.00; trio, 1 boar and 2 sows, not akin, \$43.00. Very Choice Bred Pigs, safe in pig, weighing from 200 to 300 pounds, \$10.00 to \$50.00 each. Males ready for service, \$50.00.

We solicit from all interested parties inquiries by mail or personal calls either at our office, 125 Market Street, Philadelphia, Pa., or at Ridgewood Farm, Arthur H. Walker, Superintendent, Orland, Montgomery County, Penna. Again, be free to make inquiries at either place. Satisfaction guaranteed.

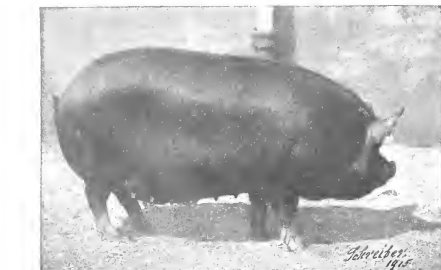
Hog Sanitation

B-K Prevents Hog Cholera This will save your hogs from disease. The B-K system of disinfecting is a plan of absolute cleanliness by thorough and systematic use of this powerful fluid. B-K is possessed of the power to destroy these germs of Hog diseases and yet it contains no poisons, oils or acids; it may be used freely everywhere; the pigs may be bunched and sprayed freely with it and it may be fed to them freely in the drinking water. Supply abundance of fresh well water. Purify suspected water by mixing B-K in it as directed. Use B-K in the drinking water daily during the cholera season, as it helps greatly to disinfect the snouts, mouths and digestive tracts. This will increase your hog profits.

B-K Destroys Foul Odors Odors are caused by bacteria, and B-K removes the odor and destroys the bacteria. It is cheap; 1 gallon makes from 100 to 1000 gallons of solution. B-K is an electrolytic combination of fixed hypochlorites made by electrolysis, and possessed of very high germicidal efficiency. Its coefficient in 10 plus. Invaluable to every hog raiser or dairyman.

Better Milk We use B-K daily in the milk room for sterilizing separator and bottles and in the barn for disinfecting gutters and washing cows' udders. It is the cheapest and best disinfectant I ever used. For producing clean milk it is efficient, economical and sanitary. Please enter my order for 5 gallons more and ship at once.

W. O. PERCE, GARLAND FARM.
Reliable B-K is sold only in sealed packages. Each bears our big blue label on which is printed our guaranty of the germ-killing strength (by U. S. Hygienic Laboratory Method) and also our agreement to repay your money if not found exactly as represented. Price per gallon \$2.25, 5 gallon carboy \$10.00.



Miss Hope 2d, 209716